

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMIERE

Report Number: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV**

Issue Date: 3/3/2020

Test Information

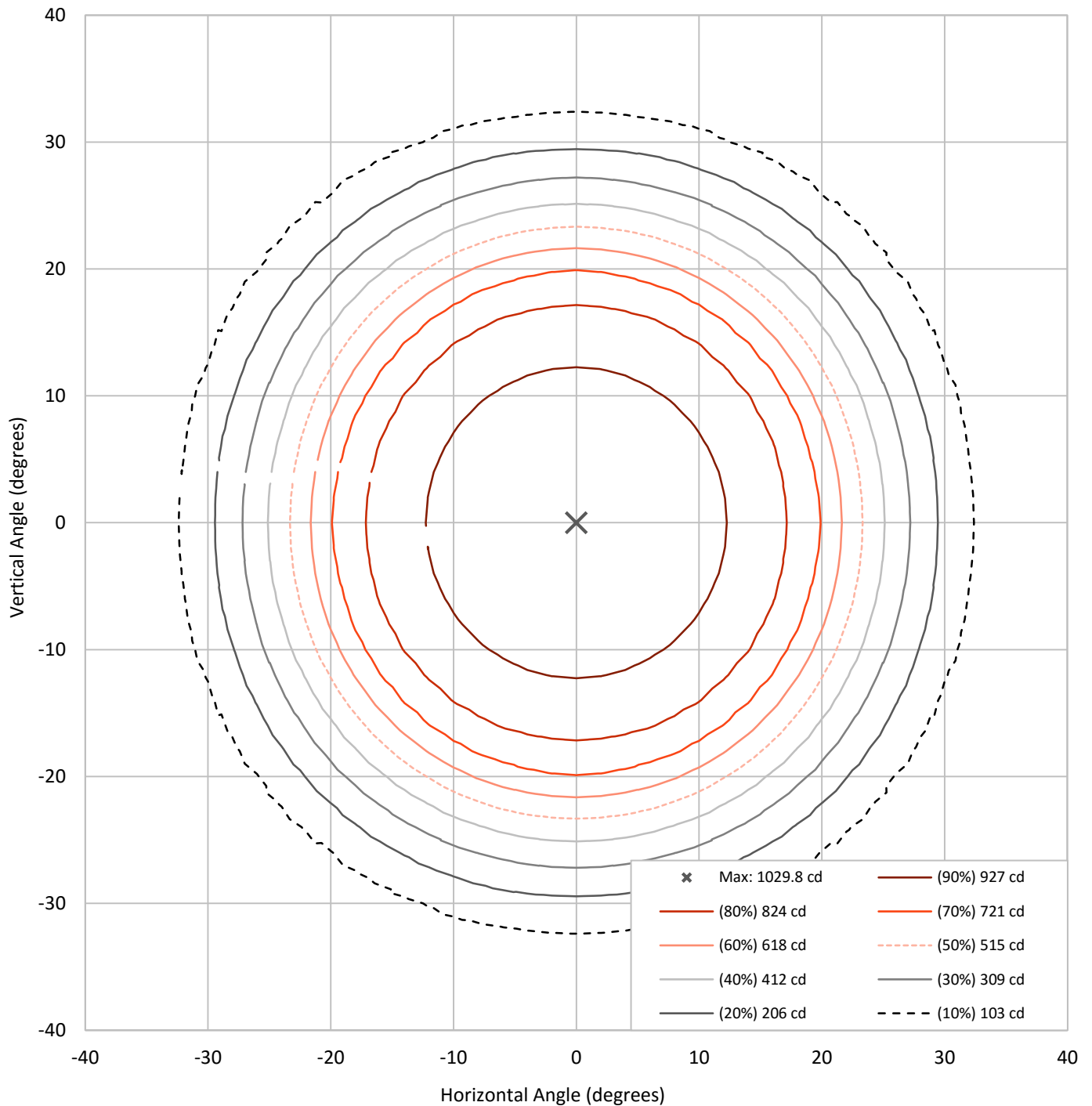
Test Method: LM-79-08
Report Number: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29553)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) WARM DIMMING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	664.5 lumens	Max Intensity:	1029.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	27.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.6°H x 46.6°V	Field Angle (10%):	64.5°H x 64.5°V
Beam Lumens:	420.6 lumens	Field Lumens:	547 lumens
Beam Efficiency:	63.3%	Field Efficiency:	82.3%
Input Watts (W):	24		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





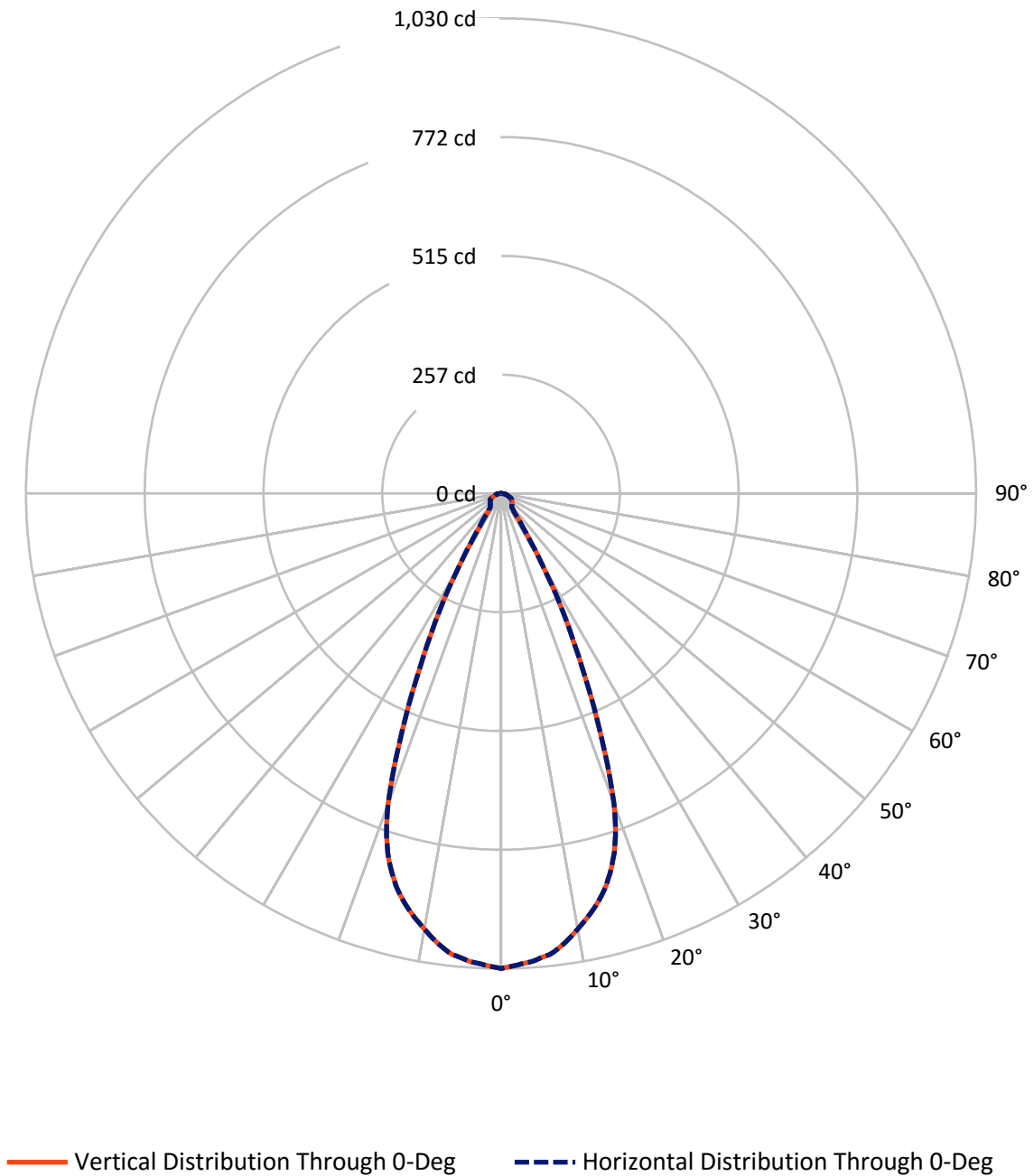
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Lumen Table

90	0.0	0.3	0.6	0.9	1.1	0.9	0.6	0.3	0.0											
80	0.0	0.3	0.6	0.9	1.1	0.9	0.6	0.3	0.0											
70	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1				
60		0.2	0.3	0.5	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.2					
50	0.2	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.2	0.2				
40		0.2	0.4	0.6	0.8	1.0	1.3	2.0	2.0	1.3	1.0	0.8	0.6	0.4	0.2					
30	0.2	0.3	0.5	0.7	0.9	2.0	7.0	12.1	12.1	7.0	2.0	0.9	0.7	0.5	0.3	0.2				
20		0.3	0.5	0.7	1.1	6.6	18.4	25.4	25.4	18.4	6.6	1.1	0.7	0.5	0.3					
10	0.2	0.3	0.5	0.7	1.7	11.1	24.7	29.8	29.8	24.7	11.1	1.7	0.7	0.5	0.3	0.2				
0		0.3	0.5	0.7	1.7	11.1	24.7	29.8	29.8	24.7	11.1	1.7	0.7	0.5	0.3					
-10	0.2	0.3	0.5	0.7	1.7	11.1	24.7	29.8	29.8	24.7	11.1	1.7	0.7	0.5	0.3	0.2				
-20		0.3	0.5	0.7	1.1	6.6	18.4	25.4	25.4	18.4	6.6	1.1	0.7	0.5	0.3					
-30	0.2	0.3	0.5	0.7	0.9	2.0	7.0	12.1	12.1	7.0	2.0	0.9	0.7	0.5	0.3	0.2				
-40		0.2	0.4	0.6	0.8	1.0	1.3	2.0	2.0	1.3	1.0	0.8	0.6	0.4	0.2					
-50	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.2	0.1				
-60		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1					
-70	0.0	0.3	0.6	0.9	1.1	0.9	0.6	0.3	0.0							0.0				
-80		0.3	0.6	0.9	1.1	0.9	0.6	0.3	0.0											
-90	0.0	0.3	0.6	0.9	1.1	0.9	0.6	0.3	0.0											
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	

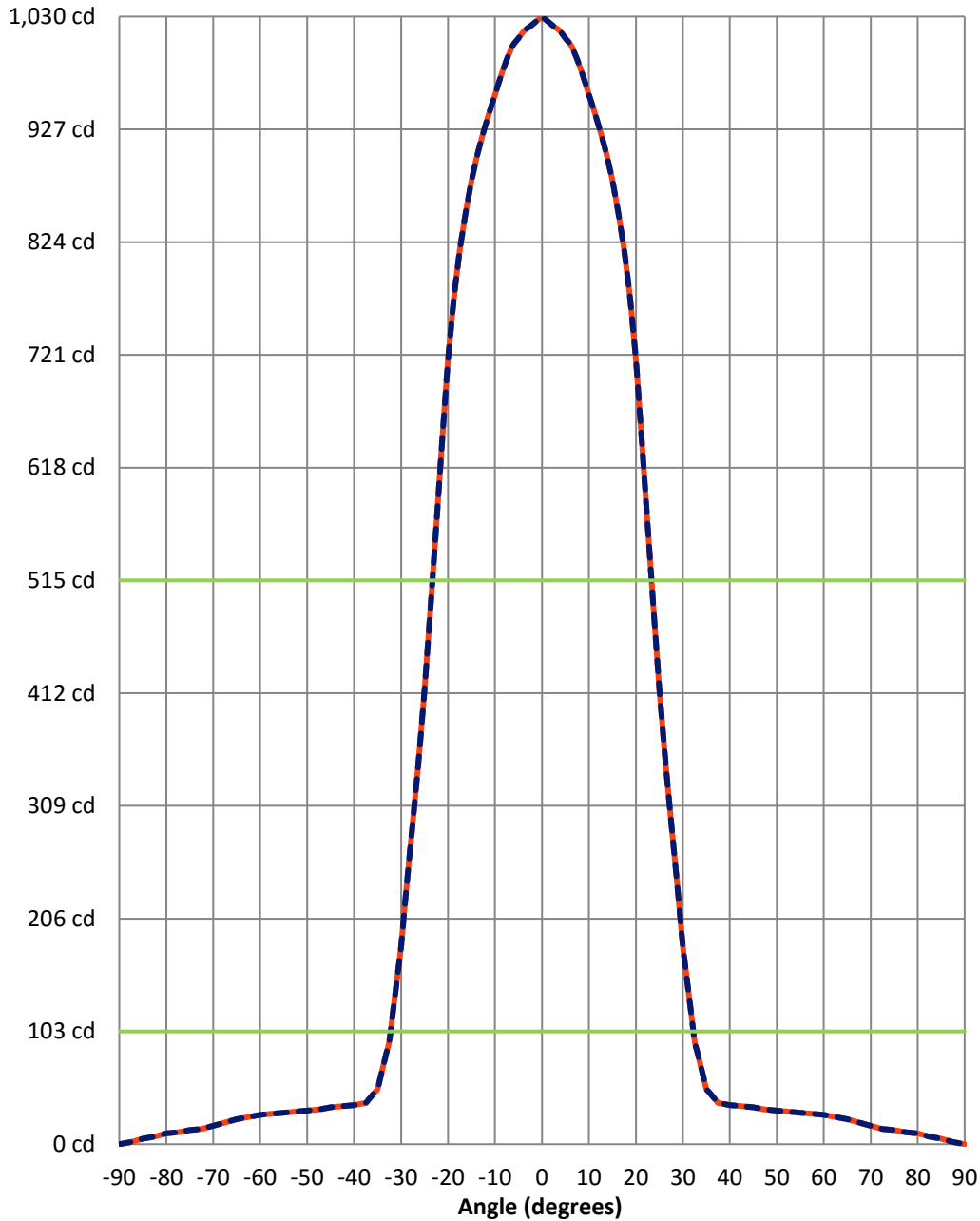
REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.6°
 V Angle: 46.6°
 Lumens: 420.6
 Efficiency: 63.3%

Field:
 H Angle: 64.5°
 V Angle: 64.5°
 Lumens: 547
 Efficiency: 82.3%

Spill:
 Lumens: 117.4
 Efficiency: 17.7%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
81.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
78.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7	1.9
77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.2
76.25°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.5
75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.9
73.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.8	3.2
72.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.6	3.0	3.5
71.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
70°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.1	3.6	4.1
68.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	2.8	3.3	3.9	4.4
67.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	3.0	3.6	4.1	4.7
66.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.6	3.2	3.8	4.4	5.0
65°	0.0	0.4	0.8	1.3	1.7	2.2	2.8	3.4	4.1	4.7	5.2
63.75°	0.0	0.4	0.9	1.3	1.8	2.3	3.0	3.6	4.3	4.9	5.4
62.5°	0.0	0.5	0.9	1.4	1.8	2.5	3.1	3.8	4.5	5.1	5.6
61.25°	0.0	0.5	1.0	1.4	1.9	2.6	3.3	4.0	4.7	5.3	5.7
60°	0.0	0.5	1.0	1.5	2.0	2.7	3.5	4.2	5.0	5.5	5.9
58.75°	0.0	0.5	1.0	1.6	2.1	2.9	3.7	4.4	5.1	5.6	6.1
57.5°	0.0	0.5	1.1	1.6	2.2	3.0	3.8	4.6	5.3	5.8	6.3
56.25°	0.0	0.6	1.1	1.7	2.3	3.2	4.0	4.8	5.4	5.9	6.4
55°	0.0	0.6	1.1	1.7	2.4	3.3	4.2	5.0	5.5	6.1	6.6
53.75°	0.0	0.6	1.2	1.8	2.5	3.4	4.3	5.1	5.7	6.2	6.8
52.5°	0.0	0.6	1.2	1.8	2.6	3.6	4.5	5.2	5.8	6.4	7.0
51.25°	0.0	0.6	1.3	1.9	2.8	3.7	4.6	5.4	5.9	6.5	7.2
50°	0.0	0.6	1.3	1.9	2.9	3.8	4.8	5.5	6.1	6.7	7.5
48.75°	0.0	0.7	1.3	2.0	3.0	3.9	4.9	5.6	6.2	6.8	7.7
47.5°	0.0	0.7	1.4	2.0	3.1	4.1	5.0	5.7	6.3	7.0	8.0
46.25°	0.0	0.7	1.4	2.1	3.1	4.2	5.1	5.8	6.4	7.2	8.2
45°	0.0	0.7	1.4	2.2	3.2	4.3	5.2	5.9	6.6	7.4	8.5
43.75°	0.0	0.7	1.4	2.2	3.3	4.4	5.3	6.0	6.7	7.6	8.7
42.5°	0.0	0.7	1.5	2.3	3.4	4.5	5.4	6.1	6.8	7.8	8.9
41.25°	0.0	0.8	1.5	2.4	3.5	4.6	5.5	6.2	6.9	8.0	9.1
40°	0.0	0.8	1.5	2.4	3.6	4.7	5.6	6.3	7.1	8.2	9.4
38.75°	0.0	0.8	1.6	2.5	3.7	4.8	5.6	6.4	7.2	8.4	9.6
37.5°	0.0	0.8	1.6	2.6	3.8	4.9	5.7	6.5	7.4	8.6	9.8
36.25°	0.0	0.8	1.6	2.6	3.8	5.0	5.8	6.6	7.6	8.8	9.9
35°	0.0	0.8	1.6	2.7	3.9	5.1	5.9	6.6	7.7	8.9	10.0



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.8	1.7	2.7	4.0	5.1	5.9	6.7	7.9	9.1	10.0
32.5°	0.0	0.8	1.7	2.8	4.1	5.2	6.0	6.8	8.0	9.3	10.1
31.25°	0.0	0.9	1.7	2.8	4.1	5.3	6.1	6.9	8.1	9.4	10.2
30°	0.0	0.9	1.7	2.9	4.2	5.3	6.1	7.0	8.3	9.6	10.2
28.75°	0.0	0.9	1.8	2.9	4.3	5.4	6.2	7.1	8.4	9.7	10.3
27.5°	0.0	0.9	1.8	3.0	4.3	5.4	6.3	7.2	8.5	9.9	10.3
26.25°	0.0	0.9	1.8	3.0	4.4	5.5	6.3	7.3	8.7	9.9	10.4
25°	0.0	0.9	1.8	3.1	4.4	5.5	6.4	7.4	8.8	10.0	10.4
23.75°	0.0	0.9	1.8	3.1	4.5	5.5	6.4	7.5	8.9	10.0	10.5
22.5°	0.0	0.9	1.8	3.2	4.5	5.6	6.5	7.6	9.0	10.1	10.5
21.25°	0.0	0.9	1.9	3.2	4.6	5.6	6.5	7.7	9.1	10.1	10.6
20°	0.0	0.9	1.9	3.2	4.6	5.7	6.6	7.8	9.2	10.1	10.6
18.75°	0.0	0.9	1.9	3.3	4.7	5.7	6.6	7.8	9.3	10.2	10.6
17.5°	0.0	1.0	1.9	3.3	4.7	5.7	6.6	7.9	9.3	10.2	10.7
16.25°	0.0	1.0	1.9	3.3	4.8	5.8	6.7	8.0	9.4	10.2	10.7
15°	0.0	1.0	1.9	3.3	4.8	5.8	6.7	8.0	9.5	10.2	10.7
13.75°	0.0	1.0	1.9	3.4	4.8	5.8	6.7	8.1	9.6	10.3	10.8
12.5°	0.0	1.0	2.0	3.4	4.9	5.8	6.8	8.1	9.6	10.3	10.8
11.25°	0.0	1.0	2.0	3.4	4.9	5.9	6.8	8.2	9.7	10.3	10.8
10°	0.0	1.0	2.0	3.4	4.9	5.9	6.8	8.2	9.7	10.3	10.8
8.75°	0.0	1.0	2.0	3.4	4.9	5.9	6.8	8.3	9.8	10.3	10.8
7.5°	0.0	1.0	2.0	3.5	4.9	5.9	6.9	8.3	9.8	10.4	10.9
6.25°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.3	9.8	10.4	10.9
5°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
3.75°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
2.5°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
1.25°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
0°	0.0	1.0	2.0	3.5	5.0	6.0	6.9	8.4	9.9	10.4	10.9
-1.25°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
-2.5°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
-3.75°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
-5°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.4	9.9	10.4	10.9
-6.25°	0.0	1.0	2.0	3.5	5.0	5.9	6.9	8.3	9.8	10.4	10.9
-7.5°	0.0	1.0	2.0	3.5	4.9	5.9	6.9	8.3	9.8	10.4	10.9
-8.75°	0.0	1.0	2.0	3.4	4.9	5.9	6.8	8.3	9.8	10.3	10.8
-10°	0.0	1.0	2.0	3.4	4.9	5.9	6.8	8.2	9.7	10.3	10.8
-11.25°	0.0	1.0	2.0	3.4	4.9	5.9	6.8	8.2	9.7	10.3	10.8
-12.5°	0.0	1.0	2.0	3.4	4.9	5.8	6.8	8.1	9.6	10.3	10.8
-13.75°	0.0	1.0	1.9	3.4	4.8	5.8	6.7	8.1	9.6	10.3	10.8
-15°	0.0	1.0	1.9	3.3	4.8	5.8	6.7	8.0	9.5	10.2	10.7
-16.25°	0.0	1.0	1.9	3.3	4.8	5.8	6.7	8.0	9.4	10.2	10.7
-17.5°	0.0	1.0	1.9	3.3	4.7	5.7	6.6	7.9	9.3	10.2	10.7
-18.75°	0.0	0.9	1.9	3.3	4.7	5.7	6.6	7.8	9.3	10.2	10.6
-20°	0.0	0.9	1.9	3.2	4.6	5.7	6.6	7.8	9.2	10.1	10.6
-21.25°	0.0	0.9	1.9	3.2	4.6	5.6	6.5	7.7	9.1	10.1	10.6



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.9	1.8	3.2	4.5	5.6	6.5	7.6	9.0	10.1	10.5
-23.75°	0.0	0.9	1.8	3.1	4.5	5.5	6.4	7.5	8.9	10.0	10.5
-25°	0.0	0.9	1.8	3.1	4.4	5.5	6.4	7.4	8.8	10.0	10.4
-26.25°	0.0	0.9	1.8	3.0	4.4	5.5	6.3	7.3	8.7	9.9	10.4
-27.5°	0.0	0.9	1.8	3.0	4.3	5.4	6.3	7.2	8.5	9.9	10.3
-28.75°	0.0	0.9	1.8	2.9	4.3	5.4	6.2	7.1	8.4	9.7	10.3
-30°	0.0	0.9	1.7	2.9	4.2	5.3	6.1	7.0	8.3	9.6	10.2
-31.25°	0.0	0.9	1.7	2.8	4.1	5.3	6.1	6.9	8.1	9.4	10.2
-32.5°	0.0	0.8	1.7	2.8	4.1	5.2	6.0	6.8	8.0	9.3	10.1
-33.75°	0.0	0.8	1.7	2.7	4.0	5.1	5.9	6.7	7.9	9.1	10.0
-35°	0.0	0.8	1.6	2.7	3.9	5.1	5.9	6.6	7.7	8.9	10.0
-36.25°	0.0	0.8	1.6	2.6	3.8	5.0	5.8	6.6	7.6	8.8	9.9
-37.5°	0.0	0.8	1.6	2.6	3.8	4.9	5.7	6.5	7.4	8.6	9.8
-38.75°	0.0	0.8	1.6	2.5	3.7	4.8	5.6	6.4	7.2	8.4	9.6
-40°	0.0	0.8	1.5	2.4	3.6	4.7	5.6	6.3	7.1	8.2	9.4
-41.25°	0.0	0.8	1.5	2.4	3.5	4.6	5.5	6.2	6.9	8.0	9.1
-42.5°	0.0	0.7	1.5	2.3	3.4	4.5	5.4	6.1	6.8	7.8	8.9
-43.75°	0.0	0.7	1.4	2.2	3.3	4.4	5.3	6.0	6.7	7.6	8.7
-45°	0.0	0.7	1.4	2.2	3.2	4.3	5.2	5.9	6.6	7.4	8.5
-46.25°	0.0	0.7	1.4	2.1	3.1	4.2	5.1	5.8	6.4	7.2	8.2
-47.5°	0.0	0.7	1.4	2.0	3.1	4.1	5.0	5.7	6.3	7.0	8.0
-48.75°	0.0	0.7	1.3	2.0	3.0	3.9	4.9	5.6	6.2	6.8	7.7
-50°	0.0	0.6	1.3	1.9	2.9	3.8	4.8	5.5	6.1	6.7	7.5
-51.25°	0.0	0.6	1.3	1.9	2.8	3.7	4.6	5.4	5.9	6.5	7.2
-52.5°	0.0	0.6	1.2	1.8	2.6	3.6	4.5	5.2	5.8	6.4	7.0
-53.75°	0.0	0.6	1.2	1.8	2.5	3.4	4.3	5.1	5.7	6.2	6.8
-55°	0.0	0.6	1.1	1.7	2.4	3.3	4.2	5.0	5.5	6.1	6.6
-56.25°	0.0	0.6	1.1	1.7	2.3	3.2	4.0	4.8	5.4	5.9	6.4
-57.5°	0.0	0.5	1.1	1.6	2.2	3.0	3.8	4.6	5.3	5.8	6.3
-58.75°	0.0	0.5	1.0	1.6	2.1	2.9	3.7	4.4	5.1	5.6	6.1
-60°	0.0	0.5	1.0	1.5	2.0	2.7	3.5	4.2	5.0	5.5	5.9
-61.25°	0.0	0.5	1.0	1.4	1.9	2.6	3.3	4.0	4.7	5.3	5.7
-62.5°	0.0	0.5	0.9	1.4	1.8	2.5	3.1	3.8	4.5	5.1	5.6
-63.75°	0.0	0.4	0.9	1.3	1.8	2.3	3.0	3.6	4.3	4.9	5.4
-65°	0.0	0.4	0.8	1.3	1.7	2.2	2.8	3.4	4.1	4.7	5.2
-66.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.6	3.2	3.8	4.4	5.0
-67.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	3.0	3.6	4.1	4.7
-68.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	2.8	3.3	3.9	4.4
-70°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.1	3.6	4.1
-71.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
-72.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.6	3.0	3.5
-73.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.8	3.2
-75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.9
-76.25°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.2



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7	1.9
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-81.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3
82.5°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.8	3.0
81.25°	1.7	1.8	2.0	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6
80°	1.9	2.1	2.3	2.6	2.8	3.1	3.3	3.6	3.8	4.1	4.3
78.75°	2.2	2.5	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.7	4.9
77.5°	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.4
76.25°	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.2	5.4	5.6	5.8
75°	3.2	3.6	4.0	4.4	4.7	5.1	5.3	5.5	5.7	6.0	6.2
73.75°	3.6	4.0	4.4	4.8	5.1	5.4	5.6	5.9	6.1	6.4	6.6
72.5°	3.9	4.4	4.8	5.1	5.4	5.7	6.0	6.2	6.5	6.7	7.1
71.25°	4.3	4.7	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.3	7.7
70°	4.6	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.4	7.9	8.3
68.75°	4.9	5.3	5.6	6.0	6.3	6.6	7.0	7.5	8.0	8.5	9.0
67.5°	5.2	5.5	5.9	6.2	6.6	6.9	7.5	8.0	8.5	9.1	9.6
66.25°	5.4	5.7	6.1	6.5	6.9	7.4	8.0	8.5	9.1	9.7	10.0
65°	5.6	6.0	6.4	6.7	7.3	7.9	8.5	9.1	9.7	10.0	10.2
63.75°	5.8	6.2	6.6	7.1	7.7	8.3	9.0	9.6	10.0	10.2	10.4
62.5°	6.0	6.4	6.8	7.5	8.1	8.8	9.5	10.0	10.2	10.4	10.6
61.25°	6.2	6.6	7.2	7.9	8.6	9.3	9.9	10.1	10.4	10.6	10.8
60°	6.4	6.9	7.6	8.3	9.0	9.7	10.1	10.3	10.5	10.8	11.1
58.75°	6.6	7.2	7.9	8.7	9.4	10.0	10.2	10.5	10.7	11.0	11.5
57.5°	6.8	7.5	8.3	9.1	9.8	10.1	10.4	10.6	10.9	11.4	11.9
56.25°	7.0	7.8	8.6	9.4	10.0	10.3	10.5	10.8	11.2	11.8	12.3
55°	7.3	8.1	9.0	9.8	10.1	10.4	10.7	11.0	11.6	12.1	12.7
53.75°	7.6	8.5	9.3	10.0	10.3	10.6	10.9	11.4	11.9	12.5	13.0
52.5°	7.9	8.8	9.7	10.1	10.4	10.7	11.1	11.7	12.3	12.8	13.1
51.25°	8.2	9.1	9.9	10.2	10.5	10.8	11.4	12.0	12.6	13.0	13.3
50°	8.4	9.4	10.0	10.4	10.7	11.1	11.7	12.3	12.9	13.2	13.5
48.75°	8.7	9.7	10.2	10.5	10.8	11.3	12.0	12.6	13.1	13.4	13.7
47.5°	9.0	9.9	10.3	10.6	10.9	11.6	12.2	12.9	13.2	13.5	13.9
46.25°	9.3	10.0	10.4	10.7	11.2	11.8	12.5	13.0	13.4	13.7	14.3
45°	9.5	10.1	10.5	10.8	11.4	12.1	12.8	13.2	13.5	13.9	14.7
43.75°	9.8	10.2	10.6	10.9	11.6	12.3	13.0	13.3	13.7	14.2	15.2
42.5°	9.9	10.3	10.7	11.1	11.9	12.6	13.1	13.5	13.8	14.7	15.7
41.25°	10.0	10.4	10.8	11.4	12.1	12.8	13.2	13.6	14.0	15.1	16.1
40°	10.1	10.5	10.9	11.6	12.3	13.0	13.3	13.7	14.4	15.5	16.6
38.75°	10.2	10.6	11.0	11.8	12.5	13.1	13.5	13.8	14.8	15.9	17.0
37.5°	10.2	10.6	11.2	11.9	12.7	13.2	13.6	14.1	15.2	16.3	17.5
36.25°	10.3	10.7	11.3	12.1	12.9	13.3	13.7	14.5	15.6	16.7	17.9
35°	10.4	10.8	11.5	12.3	13.0	13.4	13.8	14.8	15.9	17.1	18.3



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	10.5	10.9	11.7	12.5	13.1	13.5	13.9	15.1	16.3	17.5	18.7
32.5°	10.5	11.0	11.8	12.7	13.2	13.6	14.2	15.4	16.6	17.9	19.1
31.25°	10.6	11.1	12.0	12.8	13.3	13.7	14.5	15.8	17.0	18.2	19.5
30°	10.7	11.3	12.1	12.9	13.4	13.8	14.8	16.1	17.3	18.6	19.8
28.75°	10.7	11.4	12.3	13.0	13.4	13.9	15.1	16.3	17.6	18.9	20.2
27.5°	10.8	11.5	12.4	13.1	13.5	14.1	15.4	16.6	17.9	19.2	20.5
26.25°	10.8	11.6	12.5	13.2	13.6	14.3	15.6	16.9	18.2	19.5	20.8
25°	10.9	11.8	12.7	13.2	13.7	14.5	15.8	17.2	18.5	19.8	21.2
23.75°	11.0	11.9	12.8	13.3	13.7	14.8	16.1	17.4	18.8	20.1	21.5
22.5°	11.0	12.0	12.9	13.4	13.8	15.0	16.3	17.6	19.0	20.4	21.7
21.25°	11.1	12.1	12.9	13.4	13.9	15.2	16.5	17.9	19.3	20.6	22.0
20°	11.2	12.2	13.0	13.5	14.0	15.3	16.7	18.1	19.5	20.9	22.3
18.75°	11.3	12.2	13.0	13.5	14.2	15.5	16.9	18.3	19.7	21.1	22.5
17.5°	11.4	12.3	13.1	13.6	14.3	15.7	17.1	18.5	19.9	21.3	22.7
16.25°	11.5	12.4	13.1	13.6	14.5	15.8	17.2	18.7	20.1	21.5	22.9
15°	11.5	12.5	13.2	13.7	14.6	16.0	17.4	18.8	20.3	21.7	23.0
13.75°	11.6	12.5	13.2	13.7	14.7	16.1	17.5	19.0	20.4	21.9	23.2
12.5°	11.6	12.6	13.2	13.7	14.8	16.2	17.7	19.1	20.6	22.0	23.3
11.25°	11.7	12.7	13.3	13.8	14.9	16.3	17.8	19.3	20.7	22.2	23.4
10°	11.7	12.7	13.3	13.8	15.0	16.4	17.9	19.4	20.8	22.3	23.5
8.75°	11.8	12.8	13.3	13.8	15.1	16.5	18.0	19.5	20.9	22.4	23.5
7.5°	11.8	12.8	13.3	13.8	15.2	16.6	18.1	19.6	21.0	22.5	23.6
6.25°	11.8	12.8	13.4	13.9	15.2	16.7	18.1	19.6	21.1	22.6	23.7
5°	11.9	12.9	13.4	13.9	15.3	16.7	18.2	19.7	21.2	22.7	23.7
3.75°	11.9	12.9	13.4	13.9	15.3	16.7	18.2	19.7	21.2	22.7	23.8
2.5°	11.9	12.9	13.4	13.9	15.3	16.8	18.3	19.8	21.3	22.8	23.8
1.25°	11.9	12.9	13.4	13.9	15.3	16.8	18.3	19.8	21.3	22.8	23.8
0°	11.9	12.9	13.4	13.9	15.4	16.8	18.3	19.8	21.3	22.8	23.8
-1.25°	11.9	12.9	13.4	13.9	15.3	16.8	18.3	19.8	21.3	22.8	23.8
-2.5°	11.9	12.9	13.4	13.9	15.3	16.8	18.3	19.8	21.3	22.8	23.8
-3.75°	11.9	12.9	13.4	13.9	15.3	16.7	18.2	19.7	21.2	22.7	23.8
-5°	11.9	12.9	13.4	13.9	15.3	16.7	18.2	19.7	21.2	22.7	23.7
-6.25°	11.8	12.8	13.4	13.9	15.2	16.7	18.1	19.6	21.1	22.6	23.7
-7.5°	11.8	12.8	13.3	13.8	15.2	16.6	18.1	19.6	21.0	22.5	23.6
-8.75°	11.8	12.8	13.3	13.8	15.1	16.5	18.0	19.5	20.9	22.4	23.5
-10°	11.7	12.7	13.3	13.8	15.0	16.4	17.9	19.4	20.8	22.3	23.5
-11.25°	11.7	12.7	13.3	13.8	14.9	16.3	17.8	19.3	20.7	22.2	23.4
-12.5°	11.6	12.6	13.2	13.7	14.8	16.2	17.7	19.1	20.6	22.0	23.3
-13.75°	11.6	12.5	13.2	13.7	14.7	16.1	17.5	19.0	20.4	21.9	23.2
-15°	11.5	12.5	13.2	13.7	14.6	16.0	17.4	18.8	20.3	21.7	23.0
-16.25°	11.5	12.4	13.1	13.6	14.5	15.8	17.2	18.7	20.1	21.5	22.9
-17.5°	11.4	12.3	13.1	13.6	14.3	15.7	17.1	18.5	19.9	21.3	22.7
-18.75°	11.3	12.2	13.0	13.5	14.2	15.5	16.9	18.3	19.7	21.1	22.5
-20°	11.2	12.2	13.0	13.5	14.0	15.3	16.7	18.1	19.5	20.9	22.3
-21.25°	11.1	12.1	12.9	13.4	13.9	15.2	16.5	17.9	19.3	20.6	22.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	11.0	12.0	12.9	13.4	13.8	15.0	16.3	17.6	19.0	20.4	21.7
-23.75°	11.0	11.9	12.8	13.3	13.7	14.8	16.1	17.4	18.8	20.1	21.5
-25°	10.9	11.8	12.7	13.2	13.7	14.5	15.8	17.2	18.5	19.8	21.2
-26.25°	10.8	11.6	12.5	13.2	13.6	14.3	15.6	16.9	18.2	19.5	20.8
-27.5°	10.8	11.5	12.4	13.1	13.5	14.1	15.4	16.6	17.9	19.2	20.5
-28.75°	10.7	11.4	12.3	13.0	13.4	13.9	15.1	16.3	17.6	18.9	20.2
-30°	10.7	11.3	12.1	12.9	13.4	13.8	14.8	16.1	17.3	18.6	19.8
-31.25°	10.6	11.1	12.0	12.8	13.3	13.7	14.5	15.8	17.0	18.2	19.5
-32.5°	10.5	11.0	11.8	12.7	13.2	13.6	14.2	15.4	16.6	17.9	19.1
-33.75°	10.5	10.9	11.7	12.5	13.1	13.5	13.9	15.1	16.3	17.5	18.7
-35°	10.4	10.8	11.5	12.3	13.0	13.4	13.8	14.8	15.9	17.1	18.3
-36.25°	10.3	10.7	11.3	12.1	12.9	13.3	13.7	14.5	15.6	16.7	17.9
-37.5°	10.2	10.6	11.2	11.9	12.7	13.2	13.6	14.1	15.2	16.3	17.5
-38.75°	10.2	10.6	11.0	11.8	12.5	13.1	13.5	13.8	14.8	15.9	17.0
-40°	10.1	10.5	10.9	11.6	12.3	13.0	13.3	13.7	14.4	15.5	16.6
-41.25°	10.0	10.4	10.8	11.4	12.1	12.8	13.2	13.6	14.0	15.1	16.1
-42.5°	9.9	10.3	10.7	11.1	11.9	12.6	13.1	13.5	13.8	14.7	15.7
-43.75°	9.8	10.2	10.6	10.9	11.6	12.3	13.0	13.3	13.7	14.2	15.2
-45°	9.5	10.1	10.5	10.8	11.4	12.1	12.8	13.2	13.5	13.9	14.7
-46.25°	9.3	10.0	10.4	10.7	11.2	11.8	12.5	13.0	13.4	13.7	14.3
-47.5°	9.0	9.9	10.3	10.6	10.9	11.6	12.2	12.9	13.2	13.5	13.9
-48.75°	8.7	9.7	10.2	10.5	10.8	11.3	12.0	12.6	13.1	13.4	13.7
-50°	8.4	9.4	10.0	10.4	10.7	11.1	11.7	12.3	12.9	13.2	13.5
-51.25°	8.2	9.1	9.9	10.2	10.5	10.8	11.4	12.0	12.6	13.0	13.3
-52.5°	7.9	8.8	9.7	10.1	10.4	10.7	11.1	11.7	12.3	12.8	13.1
-53.75°	7.6	8.5	9.3	10.0	10.3	10.6	10.9	11.4	11.9	12.5	13.0
-55°	7.3	8.1	9.0	9.8	10.1	10.4	10.7	11.0	11.6	12.1	12.7
-56.25°	7.0	7.8	8.6	9.4	10.0	10.3	10.5	10.8	11.2	11.8	12.3
-57.5°	6.8	7.5	8.3	9.1	9.8	10.1	10.4	10.6	10.9	11.4	11.9
-58.75°	6.6	7.2	7.9	8.7	9.4	10.0	10.2	10.5	10.7	11.0	11.5
-60°	6.4	6.9	7.6	8.3	9.0	9.7	10.1	10.3	10.5	10.8	11.1
-61.25°	6.2	6.6	7.2	7.9	8.6	9.3	9.9	10.1	10.4	10.6	10.8
-62.5°	6.0	6.4	6.8	7.5	8.1	8.8	9.5	10.0	10.2	10.4	10.6
-63.75°	5.8	6.2	6.6	7.1	7.7	8.3	9.0	9.6	10.0	10.2	10.4
-65°	5.6	6.0	6.4	6.7	7.3	7.9	8.5	9.1	9.7	10.0	10.2
-66.25°	5.4	5.7	6.1	6.5	6.9	7.4	8.0	8.5	9.1	9.7	10.0
-67.5°	5.2	5.5	5.9	6.2	6.6	6.9	7.5	8.0	8.5	9.1	9.6
-68.75°	4.9	5.3	5.6	6.0	6.3	6.6	7.0	7.5	8.0	8.5	9.0
-70°	4.6	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.4	7.9	8.3
-71.25°	4.3	4.7	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.3	7.7
-72.5°	3.9	4.4	4.8	5.1	5.4	5.7	6.0	6.2	6.5	6.7	7.1
-73.75°	3.6	4.0	4.4	4.8	5.1	5.4	5.6	5.9	6.1	6.4	6.6
-75°	3.2	3.6	4.0	4.4	4.7	5.1	5.3	5.5	5.7	6.0	6.2
-76.25°	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.2	5.4	5.6	5.8
-77.5°	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.4



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	2.2	2.5	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.7	4.9
-80°	1.9	2.1	2.3	2.6	2.8	3.1	3.3	3.6	3.8	4.1	4.3
-81.25°	1.7	1.8	2.0	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6
-82.5°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.8	3.0
-83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3
-85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-88.75°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
85°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9
83.75°	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8
82.5°	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.8
81.25°	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.1	5.2	5.4	5.5
80°	4.5	4.7	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.1
78.75°	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.7
77.5°	5.6	5.7	5.9	6.1	6.3	6.4	6.6	6.8	7.0	7.2	7.5
76.25°	6.0	6.2	6.4	6.6	6.8	7.0	7.3	7.6	7.9	8.2	8.4
75°	6.4	6.6	6.9	7.2	7.5	7.8	8.1	8.5	8.8	9.1	9.4
73.75°	6.8	7.2	7.6	7.9	8.3	8.6	9.0	9.3	9.7	9.9	10.0
72.5°	7.5	7.9	8.3	8.7	9.1	9.4	9.8	10.0	10.1	10.2	10.4
71.25°	8.1	8.6	9.0	9.4	9.8	10.0	10.1	10.3	10.4	10.5	10.7
70°	8.8	9.3	9.7	10.0	10.1	10.3	10.4	10.6	10.7	10.8	11.1
68.75°	9.5	9.9	10.1	10.2	10.4	10.5	10.7	10.9	11.1	11.4	11.7
67.5°	10.0	10.1	10.3	10.5	10.6	10.8	11.0	11.4	11.7	12.0	12.3
66.25°	10.2	10.4	10.5	10.7	10.9	11.2	11.6	11.9	12.3	12.6	12.9
65°	10.4	10.6	10.8	11.0	11.4	11.8	12.1	12.5	12.8	13.0	13.2
63.75°	10.6	10.8	11.1	11.5	11.9	12.3	12.7	13.0	13.1	13.3	13.5
62.5°	10.8	11.2	11.6	12.0	12.4	12.8	13.0	13.2	13.4	13.6	13.8
61.25°	11.2	11.6	12.0	12.5	12.9	13.1	13.3	13.5	13.7	13.9	14.5
60°	11.6	12.0	12.5	12.9	13.1	13.4	13.6	13.8	14.2	14.8	15.3
58.75°	12.0	12.5	12.9	13.1	13.4	13.6	13.8	14.3	15.0	15.6	16.2
57.5°	12.4	12.9	13.1	13.4	13.6	13.8	14.4	15.1	15.7	16.4	17.0
56.25°	12.8	13.1	13.4	13.6	13.8	14.5	15.2	15.8	16.5	17.2	17.9
55°	13.0	13.3	13.6	13.8	14.4	15.2	15.9	16.6	17.3	18.0	18.8
53.75°	13.2	13.5	13.8	14.3	15.1	15.8	16.6	17.4	18.1	18.9	19.6
52.5°	13.4	13.7	14.2	15.0	15.7	16.5	17.3	18.1	18.9	19.7	20.4
51.25°	13.6	13.9	14.8	15.6	16.4	17.2	18.0	18.9	19.7	20.5	21.3
50°	13.8	14.5	15.3	16.2	17.0	17.9	18.8	19.6	20.4	21.3	22.1
48.75°	14.2	15.0	15.9	16.8	17.7	18.6	19.5	20.3	21.2	22.0	22.9
47.5°	14.7	15.6	16.5	17.4	18.3	19.3	20.2	21.1	21.9	22.8	23.4
46.25°	15.2	16.1	17.1	18.0	19.0	19.9	20.8	21.8	22.7	23.3	23.9
45°	15.7	16.7	17.6	18.6	19.6	20.6	21.5	22.5	23.2	23.8	24.4
43.75°	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.0	23.7	24.3	24.9
42.5°	16.7	17.7	18.8	19.8	20.8	21.8	22.8	23.5	24.1	24.8	25.4
41.25°	17.2	18.2	19.3	20.3	21.4	22.4	23.2	23.9	24.6	25.3	25.9
40°	17.7	18.7	19.8	20.9	22.0	23.0	23.7	24.3	25.0	25.7	26.4
38.75°	18.1	19.2	20.3	21.4	22.5	23.3	24.1	24.8	25.5	26.2	26.8
37.5°	18.6	19.7	20.8	22.0	23.0	23.7	24.5	25.2	25.9	26.6	27.1
36.25°	19.0	20.2	21.3	22.5	23.3	24.1	24.8	25.6	26.3	26.9	27.3
35°	19.5	20.6	21.8	22.9	23.7	24.5	25.2	26.0	26.7	27.1	27.5



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	19.9	21.1	22.3	23.2	24.0	24.8	25.6	26.4	27.0	27.3	27.7
32.5°	20.3	21.5	22.7	23.6	24.4	25.2	25.9	26.7	27.2	27.5	27.9
31.25°	20.7	21.9	23.0	23.9	24.7	25.5	26.3	26.9	27.3	27.7	28.1
30°	21.1	22.3	23.3	24.2	25.0	25.8	26.6	27.1	27.5	27.9	28.3
28.75°	21.5	22.7	23.6	24.4	25.3	26.1	26.9	27.3	27.7	28.1	28.4
27.5°	21.8	23.0	23.9	24.7	25.6	26.4	27.0	27.5	27.9	28.2	28.6
26.25°	22.2	23.2	24.1	25.0	25.8	26.7	27.2	27.6	28.0	28.4	28.8
25°	22.5	23.5	24.4	25.2	26.1	26.9	27.3	27.8	28.2	28.5	29.0
23.75°	22.8	23.7	24.6	25.5	26.4	27.0	27.5	27.9	28.3	28.7	29.1
22.5°	23.0	23.9	24.8	25.7	26.6	27.2	27.6	28.0	28.4	28.8	29.3
21.25°	23.2	24.1	25.0	25.9	26.8	27.3	27.7	28.1	28.5	29.0	29.4
20°	23.4	24.3	25.2	26.1	26.9	27.4	27.8	28.3	28.7	29.1	29.6
18.75°	23.5	24.5	25.4	26.3	27.0	27.5	27.9	28.4	28.8	29.2	29.7
17.5°	23.7	24.6	25.6	26.5	27.1	27.6	28.0	28.5	28.9	29.4	29.8
16.25°	23.9	24.8	25.7	26.7	27.2	27.7	28.1	28.6	29.0	29.5	29.9
15°	24.0	24.9	25.9	26.8	27.3	27.8	28.2	28.6	29.1	29.6	30.1
13.75°	24.1	25.1	26.0	26.9	27.4	27.9	28.3	28.7	29.2	29.7	30.2
12.5°	24.2	25.2	26.2	27.0	27.5	27.9	28.4	28.8	29.3	29.8	30.2
11.25°	24.3	25.3	26.3	27.0	27.5	28.0	28.4	28.9	29.4	29.8	30.3
10°	24.4	25.4	26.4	27.1	27.6	28.0	28.5	28.9	29.4	29.9	30.4
8.75°	24.5	25.5	26.5	27.1	27.6	28.1	28.5	29.0	29.5	30.0	30.5
7.5°	24.6	25.6	26.6	27.2	27.7	28.1	28.6	29.1	29.5	30.0	30.5
6.25°	24.7	25.7	26.6	27.2	27.7	28.2	28.6	29.1	29.6	30.1	30.6
5°	24.7	25.7	26.7	27.2	27.7	28.2	28.6	29.1	29.6	30.1	30.6
3.75°	24.7	25.7	26.7	27.3	27.8	28.2	28.7	29.2	29.7	30.2	30.7
2.5°	24.8	25.8	26.8	27.3	27.8	28.2	28.7	29.2	29.7	30.2	30.7
1.25°	24.8	25.8	26.8	27.3	27.8	28.2	28.7	29.2	29.7	30.2	30.7
0°	24.8	25.8	26.8	27.3	27.8	28.3	28.7	29.2	29.7	30.2	30.7
-1.25°	24.8	25.8	26.8	27.3	27.8	28.2	28.7	29.2	29.7	30.2	30.7
-2.5°	24.8	25.8	26.8	27.3	27.8	28.2	28.7	29.2	29.7	30.2	30.7
-3.75°	24.7	25.7	26.7	27.3	27.8	28.2	28.7	29.2	29.7	30.2	30.7
-5°	24.7	25.7	26.7	27.2	27.7	28.2	28.6	29.1	29.6	30.1	30.6
-6.25°	24.7	25.7	26.6	27.2	27.7	28.2	28.6	29.1	29.6	30.1	30.6
-7.5°	24.6	25.6	26.6	27.2	27.7	28.1	28.6	29.1	29.5	30.0	30.5
-8.75°	24.5	25.5	26.5	27.1	27.6	28.1	28.5	29.0	29.5	30.0	30.5
-10°	24.4	25.4	26.4	27.1	27.6	28.0	28.5	28.9	29.4	29.9	30.4
-11.25°	24.3	25.3	26.3	27.0	27.5	28.0	28.4	28.9	29.4	29.8	30.3
-12.5°	24.2	25.2	26.2	27.0	27.5	27.9	28.4	28.8	29.3	29.8	30.2
-13.75°	24.1	25.1	26.0	26.9	27.4	27.9	28.3	28.7	29.2	29.7	30.2
-15°	24.0	24.9	25.9	26.8	27.3	27.8	28.2	28.6	29.1	29.6	30.1
-16.25°	23.9	24.8	25.7	26.7	27.2	27.7	28.1	28.6	29.0	29.5	29.9
-17.5°	23.7	24.6	25.6	26.5	27.1	27.6	28.0	28.5	28.9	29.4	29.8
-18.75°	23.5	24.5	25.4	26.3	27.0	27.5	27.9	28.4	28.8	29.2	29.7
-20°	23.4	24.3	25.2	26.1	26.9	27.4	27.8	28.3	28.7	29.1	29.6
-21.25°	23.2	24.1	25.0	25.9	26.8	27.3	27.7	28.1	28.5	29.0	29.4



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	23.0	23.9	24.8	25.7	26.6	27.2	27.6	28.0	28.4	28.8	29.3
-23.75°	22.8	23.7	24.6	25.5	26.4	27.0	27.5	27.9	28.3	28.7	29.1
-25°	22.5	23.5	24.4	25.2	26.1	26.9	27.3	27.8	28.2	28.5	29.0
-26.25°	22.2	23.2	24.1	25.0	25.8	26.7	27.2	27.6	28.0	28.4	28.8
-27.5°	21.8	23.0	23.9	24.7	25.6	26.4	27.0	27.5	27.9	28.2	28.6
-28.75°	21.5	22.7	23.6	24.4	25.3	26.1	26.9	27.3	27.7	28.1	28.4
-30°	21.1	22.3	23.3	24.2	25.0	25.8	26.6	27.1	27.5	27.9	28.3
-31.25°	20.7	21.9	23.0	23.9	24.7	25.5	26.3	26.9	27.3	27.7	28.1
-32.5°	20.3	21.5	22.7	23.6	24.4	25.2	25.9	26.7	27.2	27.5	27.9
-33.75°	19.9	21.1	22.3	23.2	24.0	24.8	25.6	26.4	27.0	27.3	27.7
-35°	19.5	20.6	21.8	22.9	23.7	24.5	25.2	26.0	26.7	27.1	27.5
-36.25°	19.0	20.2	21.3	22.5	23.3	24.1	24.8	25.6	26.3	26.9	27.3
-37.5°	18.6	19.7	20.8	22.0	23.0	23.7	24.5	25.2	25.9	26.6	27.1
-38.75°	18.1	19.2	20.3	21.4	22.5	23.3	24.1	24.8	25.5	26.2	26.8
-40°	17.7	18.7	19.8	20.9	22.0	23.0	23.7	24.3	25.0	25.7	26.4
-41.25°	17.2	18.2	19.3	20.3	21.4	22.4	23.2	23.9	24.6	25.3	25.9
-42.5°	16.7	17.7	18.8	19.8	20.8	21.8	22.8	23.5	24.1	24.8	25.4
-43.75°	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.0	23.7	24.3	24.9
-45°	15.7	16.7	17.6	18.6	19.6	20.6	21.5	22.5	23.2	23.8	24.4
-46.25°	15.2	16.1	17.1	18.0	19.0	19.9	20.8	21.8	22.7	23.3	23.9
-47.5°	14.7	15.6	16.5	17.4	18.3	19.3	20.2	21.1	21.9	22.8	23.4
-48.75°	14.2	15.0	15.9	16.8	17.7	18.6	19.5	20.3	21.2	22.0	22.9
-50°	13.8	14.5	15.3	16.2	17.0	17.9	18.8	19.6	20.4	21.3	22.1
-51.25°	13.6	13.9	14.8	15.6	16.4	17.2	18.0	18.9	19.7	20.5	21.3
-52.5°	13.4	13.7	14.2	15.0	15.7	16.5	17.3	18.1	18.9	19.7	20.4
-53.75°	13.2	13.5	13.8	14.3	15.1	15.8	16.6	17.4	18.1	18.9	19.6
-55°	13.0	13.3	13.6	13.8	14.4	15.2	15.9	16.6	17.3	18.0	18.8
-56.25°	12.8	13.1	13.4	13.6	13.8	14.5	15.2	15.8	16.5	17.2	17.9
-57.5°	12.4	12.9	13.1	13.4	13.6	13.8	14.4	15.1	15.7	16.4	17.0
-58.75°	12.0	12.5	12.9	13.1	13.4	13.6	13.8	14.3	15.0	15.6	16.2
-60°	11.6	12.0	12.5	12.9	13.1	13.4	13.6	13.8	14.2	14.8	15.3
-61.25°	11.2	11.6	12.0	12.5	12.9	13.1	13.3	13.5	13.7	13.9	14.5
-62.5°	10.8	11.2	11.6	12.0	12.4	12.8	13.0	13.2	13.4	13.6	13.8
-63.75°	10.6	10.8	11.1	11.5	11.9	12.3	12.7	13.0	13.1	13.3	13.5
-65°	10.4	10.6	10.8	11.0	11.4	11.8	12.1	12.5	12.8	13.0	13.2
-66.25°	10.2	10.4	10.5	10.7	10.9	11.2	11.6	11.9	12.3	12.6	12.9
-67.5°	10.0	10.1	10.3	10.5	10.6	10.8	11.0	11.4	11.7	12.0	12.3
-68.75°	9.5	9.9	10.1	10.2	10.4	10.5	10.7	10.9	11.1	11.4	11.7
-70°	8.8	9.3	9.7	10.0	10.1	10.3	10.4	10.6	10.7	10.8	11.1
-71.25°	8.1	8.6	9.0	9.4	9.8	10.0	10.1	10.3	10.4	10.5	10.7
-72.5°	7.5	7.9	8.3	8.7	9.1	9.4	9.8	10.0	10.1	10.2	10.4
-73.75°	6.8	7.2	7.6	7.9	8.3	8.6	9.0	9.3	9.7	9.9	10.0
-75°	6.4	6.6	6.9	7.2	7.5	7.8	8.1	8.5	8.8	9.1	9.4
-76.25°	6.0	6.2	6.4	6.6	6.8	7.0	7.3	7.6	7.9	8.2	8.4
-77.5°	5.6	5.7	5.9	6.1	6.3	6.4	6.6	6.8	7.0	7.2	7.5



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.7
-80°	4.5	4.7	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.1
-81.25°	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.1	5.2	5.4	5.5
-82.5°	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.8
-83.75°	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8
-85°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9
-86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
86.25°	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6
85°	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
83.75°	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
82.5°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8
81.25°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
80°	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2	7.4	7.6
78.75°	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8
77.5°	7.7	8.0	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.8	9.9
76.25°	8.7	9.0	9.3	9.5	9.8	9.9	10.0	10.1	10.2	10.2	10.3
75°	9.7	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7
73.75°	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.2	11.3
72.5°	10.5	10.6	10.7	10.8	10.9	11.1	11.4	11.6	11.8	11.9	12.1
71.25°	10.8	10.9	11.2	11.4	11.6	11.9	12.1	12.3	12.5	12.7	12.9
70°	11.3	11.6	11.8	12.1	12.3	12.6	12.8	13.0	13.1	13.2	13.3
68.75°	12.0	12.2	12.5	12.8	13.0	13.1	13.2	13.3	13.5	13.6	13.7
67.5°	12.6	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.8	14.1	14.5
66.25°	13.1	13.2	13.4	13.5	13.7	13.8	14.0	14.4	14.8	15.2	15.6
65°	13.4	13.5	13.7	13.9	14.2	14.7	15.1	15.5	15.9	16.3	16.7
63.75°	13.7	13.9	14.3	14.7	15.2	15.7	16.1	16.6	17.0	17.5	17.9
62.5°	14.2	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.6	19.0
61.25°	15.0	15.6	16.1	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2
60°	15.9	16.5	17.1	17.6	18.2	18.8	19.3	19.8	20.3	20.8	21.3
58.75°	16.8	17.4	18.0	18.6	19.2	19.8	20.3	20.9	21.4	22.0	22.5
57.5°	17.7	18.3	19.0	19.6	20.2	20.8	21.4	22.0	22.5	23.0	23.3
56.25°	18.6	19.3	19.9	20.6	21.2	21.8	22.4	23.0	23.3	23.7	24.1
55°	19.5	20.2	20.8	21.5	22.2	22.8	23.2	23.7	24.1	24.5	24.8
53.75°	20.3	21.1	21.8	22.5	23.0	23.5	23.9	24.3	24.8	25.2	25.6
52.5°	21.2	21.9	22.7	23.2	23.7	24.1	24.6	25.0	25.5	25.9	26.3
51.25°	22.0	22.8	23.3	23.8	24.3	24.8	25.3	25.7	26.2	26.6	26.9
50°	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.8	27.1	27.3
48.75°	23.4	24.0	24.5	25.0	25.6	26.1	26.6	26.9	27.2	27.4	27.6
47.5°	24.0	24.5	25.1	25.6	26.2	26.7	27.0	27.3	27.5	27.8	28.0
46.25°	24.5	25.1	25.7	26.2	26.8	27.1	27.3	27.6	27.8	28.1	28.3
45°	25.0	25.6	26.2	26.8	27.1	27.4	27.6	27.9	28.1	28.4	28.6
43.75°	25.6	26.2	26.8	27.1	27.4	27.7	27.9	28.2	28.4	28.7	29.0
42.5°	26.1	26.7	27.1	27.4	27.7	28.0	28.2	28.5	28.7	29.0	29.3
41.25°	26.6	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.3	29.6
40°	26.9	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0
38.75°	27.2	27.5	27.8	28.1	28.4	28.7	29.1	29.4	29.7	30.0	30.3
37.5°	27.4	27.8	28.1	28.4	28.7	29.0	29.3	29.7	30.0	30.3	30.6
36.25°	27.6	28.0	28.3	28.6	29.0	29.3	29.6	30.0	30.3	30.6	30.9
35°	27.9	28.2	28.5	28.9	29.2	29.6	29.9	30.2	30.6	30.9	31.2



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	28.1	28.4	28.7	29.1	29.5	29.8	30.2	30.5	30.9	31.2	31.5
32.5°	28.3	28.6	29.0	29.3	29.7	30.1	30.4	30.8	31.2	31.5	32.0
31.25°	28.5	28.8	29.2	29.6	30.0	30.3	30.7	31.1	31.4	31.9	32.6
30°	28.6	29.0	29.4	29.8	30.2	30.6	31.0	31.3	31.7	32.4	33.1
28.75°	28.8	29.2	29.6	30.0	30.4	30.8	31.2	31.6	32.2	33.0	33.7
27.5°	29.0	29.4	29.8	30.2	30.6	31.0	31.4	31.9	32.7	33.5	34.0
26.25°	29.2	29.6	30.0	30.4	30.9	31.3	31.7	32.4	33.2	33.8	34.2
25°	29.4	29.8	30.2	30.6	31.1	31.5	32.1	32.9	33.7	34.1	34.5
23.75°	29.5	30.0	30.4	30.8	31.3	31.7	32.5	33.3	33.9	34.3	34.7
22.5°	29.7	30.1	30.6	31.0	31.4	32.0	32.9	33.7	34.1	34.6	35.0
21.25°	29.9	30.3	30.8	31.2	31.6	32.4	33.3	33.9	34.3	34.8	35.2
20°	30.0	30.5	30.9	31.4	31.9	32.8	33.7	34.1	34.6	35.0	35.4
18.75°	30.2	30.6	31.1	31.5	32.2	33.1	33.9	34.3	34.7	35.2	35.6
17.5°	30.3	30.7	31.2	31.7	32.5	33.4	34.0	34.5	34.9	35.4	35.9
16.25°	30.4	30.9	31.3	31.9	32.8	33.7	34.2	34.6	35.1	35.5	36.3
15°	30.5	31.0	31.5	32.2	33.1	33.9	34.3	34.8	35.3	35.7	36.6
13.75°	30.6	31.1	31.6	32.4	33.3	34.0	34.5	34.9	35.4	36.0	37.0
12.5°	30.7	31.2	31.7	32.6	33.6	34.1	34.6	35.1	35.5	36.3	37.2
11.25°	30.8	31.3	31.9	32.8	33.7	34.2	34.7	35.2	35.7	36.6	37.5
10°	30.9	31.4	32.0	33.0	33.8	34.3	34.8	35.3	35.8	36.8	38.1
8.75°	31.0	31.5	32.2	33.2	33.9	34.4	34.9	35.4	36.0	37.0	39.5
7.5°	31.0	31.5	32.3	33.3	34.0	34.5	35.0	35.5	36.2	37.2	40.7
6.25°	31.1	31.6	32.4	33.4	34.1	34.6	35.0	35.5	36.4	37.3	41.7
5°	31.1	31.6	32.5	33.5	34.1	34.6	35.1	35.6	36.5	37.5	42.6
3.75°	31.2	31.7	32.6	33.6	34.1	34.6	35.1	35.6	36.6	37.6	43.2
2.5°	31.2	31.7	32.7	33.7	34.2	34.7	35.2	35.7	36.6	37.6	43.7
1.25°	31.2	31.7	32.7	33.7	34.2	34.7	35.2	35.7	36.7	37.7	44.0
0°	31.2	31.7	32.7	33.7	34.2	34.7	35.2	35.7	36.7	37.7	44.1
-1.25°	31.2	31.7	32.7	33.7	34.2	34.7	35.2	35.7	36.7	37.7	44.0
-2.5°	31.2	31.7	32.7	33.7	34.2	34.7	35.2	35.7	36.6	37.6	43.7
-3.75°	31.2	31.7	32.6	33.6	34.1	34.6	35.1	35.6	36.6	37.6	43.2
-5°	31.1	31.6	32.5	33.5	34.1	34.6	35.1	35.6	36.5	37.5	42.6
-6.25°	31.1	31.6	32.4	33.4	34.1	34.6	35.0	35.5	36.4	37.3	41.7
-7.5°	31.0	31.5	32.3	33.3	34.0	34.5	35.0	35.5	36.2	37.2	40.7
-8.75°	31.0	31.5	32.2	33.2	33.9	34.4	34.9	35.4	36.0	37.0	39.5
-10°	30.9	31.4	32.0	33.0	33.8	34.3	34.8	35.3	35.8	36.8	38.1
-11.25°	30.8	31.3	31.9	32.8	33.7	34.2	34.7	35.2	35.7	36.6	37.5
-12.5°	30.7	31.2	31.7	32.6	33.6	34.1	34.6	35.1	35.5	36.3	37.2
-13.75°	30.6	31.1	31.6	32.4	33.3	34.0	34.5	34.9	35.4	36.0	37.0
-15°	30.5	31.0	31.5	32.2	33.1	33.9	34.3	34.8	35.3	35.7	36.6
-16.25°	30.4	30.9	31.3	31.9	32.8	33.7	34.2	34.6	35.1	35.5	36.3
-17.5°	30.3	30.7	31.2	31.7	32.5	33.4	34.0	34.5	34.9	35.4	35.9
-18.75°	30.2	30.6	31.1	31.5	32.2	33.1	33.9	34.3	34.7	35.2	35.6
-20°	30.0	30.5	30.9	31.4	31.9	32.8	33.7	34.1	34.6	35.0	35.4
-21.25°	29.9	30.3	30.8	31.2	31.6	32.4	33.3	33.9	34.3	34.8	35.2



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	29.7	30.1	30.6	31.0	31.4	32.0	32.9	33.7	34.1	34.6	35.0
-23.75°	29.5	30.0	30.4	30.8	31.3	31.7	32.5	33.3	33.9	34.3	34.7
-25°	29.4	29.8	30.2	30.6	31.1	31.5	32.1	32.9	33.7	34.1	34.5
-26.25°	29.2	29.6	30.0	30.4	30.9	31.3	31.7	32.4	33.2	33.8	34.2
-27.5°	29.0	29.4	29.8	30.2	30.6	31.0	31.4	31.9	32.7	33.5	34.0
-28.75°	28.8	29.2	29.6	30.0	30.4	30.8	31.2	31.6	32.2	33.0	33.7
-30°	28.6	29.0	29.4	29.8	30.2	30.6	31.0	31.3	31.7	32.4	33.1
-31.25°	28.5	28.8	29.2	29.6	30.0	30.3	30.7	31.1	31.4	31.9	32.6
-32.5°	28.3	28.6	29.0	29.3	29.7	30.1	30.4	30.8	31.2	31.5	32.0
-33.75°	28.1	28.4	28.7	29.1	29.5	29.8	30.2	30.5	30.9	31.2	31.5
-35°	27.9	28.2	28.5	28.9	29.2	29.6	29.9	30.2	30.6	30.9	31.2
-36.25°	27.6	28.0	28.3	28.6	29.0	29.3	29.6	30.0	30.3	30.6	30.9
-37.5°	27.4	27.8	28.1	28.4	28.7	29.0	29.3	29.7	30.0	30.3	30.6
-38.75°	27.2	27.5	27.8	28.1	28.4	28.7	29.1	29.4	29.7	30.0	30.3
-40°	26.9	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0
-41.25°	26.6	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.3	29.6
-42.5°	26.1	26.7	27.1	27.4	27.7	28.0	28.2	28.5	28.7	29.0	29.3
-43.75°	25.6	26.2	26.8	27.1	27.4	27.7	27.9	28.2	28.4	28.7	29.0
-45°	25.0	25.6	26.2	26.8	27.1	27.4	27.6	27.9	28.1	28.4	28.6
-46.25°	24.5	25.1	25.7	26.2	26.8	27.1	27.3	27.6	27.8	28.1	28.3
-47.5°	24.0	24.5	25.1	25.6	26.2	26.7	27.0	27.3	27.5	27.8	28.0
-48.75°	23.4	24.0	24.5	25.0	25.6	26.1	26.6	26.9	27.2	27.4	27.6
-50°	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.8	27.1	27.3
-51.25°	22.0	22.8	23.3	23.8	24.3	24.8	25.3	25.7	26.2	26.6	26.9
-52.5°	21.2	21.9	22.7	23.2	23.7	24.1	24.6	25.0	25.5	25.9	26.3
-53.75°	20.3	21.1	21.8	22.5	23.0	23.5	23.9	24.3	24.8	25.2	25.6
-55°	19.5	20.2	20.8	21.5	22.2	22.8	23.2	23.7	24.1	24.5	24.8
-56.25°	18.6	19.3	19.9	20.6	21.2	21.8	22.4	23.0	23.3	23.7	24.1
-57.5°	17.7	18.3	19.0	19.6	20.2	20.8	21.4	22.0	22.5	23.0	23.3
-58.75°	16.8	17.4	18.0	18.6	19.2	19.8	20.3	20.9	21.4	22.0	22.5
-60°	15.9	16.5	17.1	17.6	18.2	18.8	19.3	19.8	20.3	20.8	21.3
-61.25°	15.0	15.6	16.1	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2
-62.5°	14.2	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.6	19.0
-63.75°	13.7	13.9	14.3	14.7	15.2	15.7	16.1	16.6	17.0	17.5	17.9
-65°	13.4	13.5	13.7	13.9	14.2	14.7	15.1	15.5	15.9	16.3	16.7
-66.25°	13.1	13.2	13.4	13.5	13.7	13.8	14.0	14.4	14.8	15.2	15.6
-67.5°	12.6	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.8	14.1	14.5
-68.75°	12.0	12.2	12.5	12.8	13.0	13.1	13.2	13.3	13.5	13.6	13.7
-70°	11.3	11.6	11.8	12.1	12.3	12.6	12.8	13.0	13.1	13.2	13.3
-71.25°	10.8	10.9	11.2	11.4	11.6	11.9	12.1	12.3	12.5	12.7	12.9
-72.5°	10.5	10.6	10.7	10.8	10.9	11.1	11.4	11.6	11.8	11.9	12.1
-73.75°	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.2	11.3
-75°	9.7	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7
-76.25°	8.7	9.0	9.3	9.5	9.8	9.9	10.0	10.1	10.2	10.2	10.3
-77.5°	7.7	8.0	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.8	9.9



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8
-80°	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2	7.4	7.6
-81.25°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
-82.5°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8
-83.75°	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
-85°	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-86.25°	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6
-87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
86.25°	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2
85°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
83.75°	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6
82.5°	5.9	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.4	6.5
81.25°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6
80°	7.7	7.9	8.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.0
78.75°	8.9	9.1	9.3	9.4	9.6	9.7	9.9	9.9	10.0	10.0	10.1
77.5°	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4	10.4	10.5	10.5
76.25°	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8	10.9	11.0	11.0
75°	10.8	10.9	11.0	11.1	11.3	11.4	11.5	11.6	11.8	11.9	12.0
73.75°	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.5	12.7	12.8	12.9
72.5°	12.3	12.5	12.7	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.4
71.25°	13.0	13.1	13.2	13.3	13.4	13.4	13.5	13.6	13.7	13.7	13.8
70°	13.4	13.5	13.6	13.7	13.8	13.9	14.1	14.3	14.5	14.8	15.0
68.75°	13.8	13.9	14.2	14.5	14.8	15.1	15.4	15.6	15.8	16.1	16.3
67.5°	14.8	15.1	15.4	15.8	16.1	16.3	16.6	16.9	17.2	17.4	17.6
66.25°	15.9	16.3	16.6	17.0	17.3	17.6	17.9	18.2	18.5	18.8	19.0
65°	17.1	17.5	17.9	18.2	18.6	18.9	19.2	19.5	19.8	20.1	20.4
63.75°	18.3	18.7	19.1	19.5	19.8	20.2	20.5	20.8	21.2	21.5	21.7
62.5°	19.5	19.9	20.3	20.7	21.1	21.5	21.8	22.2	22.5	22.8	23.0
61.25°	20.6	21.1	21.5	21.9	22.3	22.7	23.0	23.2	23.5	23.7	23.9
60°	21.8	22.3	22.7	23.0	23.3	23.6	23.9	24.1	24.4	24.6	24.8
58.75°	22.9	23.2	23.6	23.9	24.2	24.4	24.7	25.0	25.2	25.5	25.7
57.5°	23.7	24.0	24.4	24.7	25.0	25.3	25.6	25.8	26.1	26.4	26.6
56.25°	24.5	24.8	25.2	25.5	25.8	26.1	26.4	26.7	26.9	27.0	27.2
55°	25.2	25.6	25.9	26.3	26.6	26.9	27.0	27.2	27.3	27.5	27.6
53.75°	26.0	26.4	26.7	26.9	27.1	27.3	27.5	27.6	27.8	27.9	28.0
52.5°	26.7	27.0	27.2	27.3	27.5	27.7	27.9	28.0	28.2	28.3	28.4
51.25°	27.1	27.3	27.5	27.7	27.9	28.1	28.2	28.4	28.5	28.7	28.8
50°	27.5	27.7	27.9	28.1	28.3	28.4	28.6	28.8	29.0	29.1	29.3
48.75°	27.9	28.1	28.3	28.5	28.6	28.8	29.0	29.2	29.4	29.5	29.7
47.5°	28.2	28.4	28.6	28.8	29.0	29.2	29.4	29.6	29.8	30.0	30.1
46.25°	28.5	28.7	29.0	29.2	29.4	29.6	29.8	30.0	30.2	30.4	30.6
45°	28.9	29.1	29.3	29.6	29.8	30.0	30.2	30.4	30.6	30.8	31.0
43.75°	29.2	29.5	29.7	30.0	30.2	30.4	30.6	30.9	31.1	31.3	31.4
42.5°	29.6	29.8	30.1	30.3	30.6	30.8	31.0	31.3	31.5	31.7	32.0
41.25°	29.9	30.2	30.4	30.7	31.0	31.2	31.4	31.7	32.1	32.5	32.9
40°	30.2	30.5	30.8	31.1	31.3	31.6	31.9	32.4	32.9	33.3	33.7
38.75°	30.6	30.9	31.2	31.4	31.7	32.2	32.7	33.2	33.7	33.9	34.1
37.5°	30.9	31.2	31.5	31.9	32.4	33.0	33.5	33.8	34.1	34.3	34.6
36.25°	31.2	31.5	32.0	32.6	33.1	33.7	34.0	34.2	34.5	34.7	35.0
35°	31.6	32.0	32.7	33.3	33.8	34.1	34.3	34.6	34.9	35.1	35.4



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	32.0	32.7	33.3	33.8	34.1	34.4	34.7	35.0	35.3	35.5	35.9
32.5°	32.7	33.3	33.8	34.2	34.5	34.8	35.1	35.4	35.6	36.1	36.6
31.25°	33.3	33.8	34.2	34.5	34.8	35.1	35.4	35.8	36.3	36.9	37.4
30°	33.8	34.1	34.5	34.8	35.1	35.5	35.9	36.5	37.1	37.6	41.0
28.75°	34.1	34.4	34.8	35.1	35.5	35.9	36.5	37.2	38.3	42.1	45.9
27.5°	34.3	34.7	35.1	35.4	35.9	36.5	37.2	38.8	42.8	46.8	51.1
26.25°	34.6	35.0	35.4	35.8	36.5	37.2	38.8	43.1	47.3	53.6	67.2
25°	34.9	35.3	35.6	36.3	37.1	38.3	42.8	47.3	54.4	68.9	83.0
23.75°	35.1	35.5	36.1	36.9	37.6	42.1	46.8	53.6	68.9	83.9	102.5
22.5°	35.4	35.9	36.6	37.4	41.0	45.9	51.1	67.2	83.0	102.5	132.1
21.25°	35.6	36.3	37.2	39.4	44.4	49.5	63.8	80.4	99.0	130.3	161.0
20°	36.0	36.8	37.6	42.6	47.8	58.8	76.1	93.1	124.9	157.3	192.1
18.75°	36.4	37.3	40.3	45.6	52.1	70.1	87.8	116.0	149.9	184.3	229.2
17.5°	36.8	37.7	43.1	48.6	62.5	80.8	103.7	139.0	173.8	218.6	263.5
16.25°	37.2	40.1	45.7	53.3	72.3	91.1	124.7	160.9	202.8	250.4	294.2
15°	37.5	42.5	48.2	62.2	81.5	107.0	144.5	182.0	232.4	279.6	323.6
13.75°	38.8	44.7	50.6	70.4	90.1	124.8	163.0	208.7	259.1	305.1	354.2
12.5°	40.8	46.8	58.0	78.1	102.0	141.2	180.2	233.4	283.2	331.0	384.8
11.25°	42.6	48.6	64.7	85.1	116.4	156.4	202.0	255.3	304.2	356.2	414.0
10°	44.2	50.3	70.7	91.5	129.5	170.1	221.9	275.1	324.4	380.8	443.6
8.75°	45.7	55.1	76.2	100.0	141.2	183.1	239.2	291.4	344.1	403.6	470.4
7.5°	46.9	59.6	80.9	109.8	151.5	198.0	254.1	305.8	361.3	424.6	494.3
6.25°	48.0	63.5	84.9	118.1	160.2	210.6	266.9	318.4	377.5	443.8	514.9
5°	48.9	66.7	88.2	125.0	167.5	221.1	277.1	330.0	391.0	459.7	532.0
3.75°	49.6	69.1	90.8	130.3	173.1	229.2	284.6	339.1	401.6	472.2	546.3
2.5°	50.1	70.9	92.7	134.2	177.1	234.9	290.0	345.6	409.2	481.3	556.6
1.25°	50.4	72.0	93.8	136.5	179.6	238.3	293.3	349.6	413.8	486.8	562.9
0°	50.5	72.4	94.2	137.3	180.4	239.4	294.4	350.9	415.3	488.7	565.0
-1.25°	50.4	72.0	93.8	136.5	179.6	238.3	293.3	349.6	413.8	486.8	562.9
-2.5°	50.1	70.9	92.7	134.2	177.1	234.9	290.0	345.6	409.2	481.3	556.6
-3.75°	49.6	69.1	90.8	130.3	173.1	229.2	284.6	339.1	401.6	472.2	546.3
-5°	48.9	66.7	88.2	125.0	167.5	221.1	277.1	330.0	391.0	459.7	532.0
-6.25°	48.0	63.5	84.9	118.1	160.2	210.6	266.9	318.4	377.5	443.8	514.9
-7.5°	46.9	59.6	80.9	109.8	151.5	198.0	254.1	305.8	361.3	424.6	494.3
-8.75°	45.7	55.1	76.2	100.0	141.2	183.1	239.2	291.4	344.1	403.6	470.4
-10°	44.2	50.3	70.7	91.5	129.5	170.1	221.9	275.1	324.4	380.8	443.6
-11.25°	42.6	48.6	64.7	85.1	116.4	156.4	202.0	255.3	304.2	356.2	414.0
-12.5°	40.8	46.8	58.0	78.1	102.0	141.2	180.2	233.4	283.2	331.0	384.8
-13.75°	38.8	44.7	50.6	70.4	90.1	124.8	163.0	208.7	259.1	305.1	354.2
-15°	37.5	42.5	48.2	62.2	81.5	107.0	144.5	182.0	232.4	279.6	323.6
-16.25°	37.2	40.1	45.7	53.3	72.3	91.1	124.7	160.9	202.8	250.4	294.2
-17.5°	36.8	37.7	43.1	48.6	62.5	80.8	103.7	139.0	173.8	218.6	263.5
-18.75°	36.4	37.3	40.3	45.6	52.1	70.1	87.8	116.0	149.9	184.3	229.2
-20°	36.0	36.8	37.6	42.6	47.8	58.8	76.1	93.1	124.9	157.3	192.1
-21.25°	35.6	36.3	37.2	39.4	44.4	49.5	63.8	80.4	99.0	130.3	161.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	35.4	35.9	36.6	37.4	41.0	45.9	51.1	67.2	83.0	102.5	132.1
-23.75°	35.1	35.5	36.1	36.9	37.6	42.1	46.8	53.6	68.9	83.9	102.5
-25°	34.9	35.3	35.6	36.3	37.1	38.3	42.8	47.3	54.4	68.9	83.0
-26.25°	34.6	35.0	35.4	35.8	36.5	37.2	38.8	43.1	47.3	53.6	67.2
-27.5°	34.3	34.7	35.1	35.4	35.9	36.5	37.2	38.8	42.8	46.8	51.1
-28.75°	34.1	34.4	34.8	35.1	35.5	35.9	36.5	37.2	38.3	42.1	45.9
-30°	33.8	34.1	34.5	34.8	35.1	35.5	35.9	36.5	37.1	37.6	41.0
-31.25°	33.3	33.8	34.2	34.5	34.8	35.1	35.4	35.8	36.3	36.9	37.4
-32.5°	32.7	33.3	33.8	34.2	34.5	34.8	35.1	35.4	35.6	36.1	36.6
-33.75°	32.0	32.7	33.3	33.8	34.1	34.4	34.7	35.0	35.3	35.5	35.9
-35°	31.6	32.0	32.7	33.3	33.8	34.1	34.3	34.6	34.9	35.1	35.4
-36.25°	31.2	31.5	32.0	32.6	33.1	33.7	34.0	34.2	34.5	34.7	35.0
-37.5°	30.9	31.2	31.5	31.9	32.4	33.0	33.5	33.8	34.1	34.3	34.6
-38.75°	30.6	30.9	31.2	31.4	31.7	32.2	32.7	33.2	33.7	33.9	34.1
-40°	30.2	30.5	30.8	31.1	31.3	31.6	31.9	32.4	32.9	33.3	33.7
-41.25°	29.9	30.2	30.4	30.7	31.0	31.2	31.4	31.7	32.1	32.5	32.9
-42.5°	29.6	29.8	30.1	30.3	30.6	30.8	31.0	31.3	31.5	31.7	32.0
-43.75°	29.2	29.5	29.7	30.0	30.2	30.4	30.6	30.9	31.1	31.3	31.4
-45°	28.9	29.1	29.3	29.6	29.8	30.0	30.2	30.4	30.6	30.8	31.0
-46.25°	28.5	28.7	29.0	29.2	29.4	29.6	29.8	30.0	30.2	30.4	30.6
-47.5°	28.2	28.4	28.6	28.8	29.0	29.2	29.4	29.6	29.8	30.0	30.1
-48.75°	27.9	28.1	28.3	28.5	28.6	28.8	29.0	29.2	29.4	29.5	29.7
-50°	27.5	27.7	27.9	28.1	28.3	28.4	28.6	28.8	29.0	29.1	29.3
-51.25°	27.1	27.3	27.5	27.7	27.9	28.1	28.2	28.4	28.5	28.7	28.8
-52.5°	26.7	27.0	27.2	27.3	27.5	27.7	27.9	28.0	28.2	28.3	28.4
-53.75°	26.0	26.4	26.7	26.9	27.1	27.3	27.5	27.6	27.8	27.9	28.0
-55°	25.2	25.6	25.9	26.3	26.6	26.9	27.0	27.2	27.3	27.5	27.6
-56.25°	24.5	24.8	25.2	25.5	25.8	26.1	26.4	26.7	26.9	27.0	27.2
-57.5°	23.7	24.0	24.4	24.7	25.0	25.3	25.6	25.8	26.1	26.4	26.6
-58.75°	22.9	23.2	23.6	23.9	24.2	24.4	24.7	25.0	25.2	25.5	25.7
-60°	21.8	22.3	22.7	23.0	23.3	23.6	23.9	24.1	24.4	24.6	24.8
-61.25°	20.6	21.1	21.5	21.9	22.3	22.7	23.0	23.2	23.5	23.7	23.9
-62.5°	19.5	19.9	20.3	20.7	21.1	21.5	21.8	22.2	22.5	22.8	23.0
-63.75°	18.3	18.7	19.1	19.5	19.8	20.2	20.5	20.8	21.2	21.5	21.7
-65°	17.1	17.5	17.9	18.2	18.6	18.9	19.2	19.5	19.8	20.1	20.4
-66.25°	15.9	16.3	16.6	17.0	17.3	17.6	17.9	18.2	18.5	18.8	19.0
-67.5°	14.8	15.1	15.4	15.8	16.1	16.3	16.6	16.9	17.2	17.4	17.6
-68.75°	13.8	13.9	14.2	14.5	14.8	15.1	15.4	15.6	15.8	16.1	16.3
-70°	13.4	13.5	13.6	13.7	13.8	13.9	14.1	14.3	14.5	14.8	15.0
-71.25°	13.0	13.1	13.2	13.3	13.4	13.4	13.5	13.6	13.7	13.7	13.8
-72.5°	12.3	12.5	12.7	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.4
-73.75°	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.5	12.7	12.8	12.9
-75°	10.8	10.9	11.0	11.1	11.3	11.4	11.5	11.6	11.8	11.9	12.0
-76.25°	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8	10.9	11.0	11.0
-77.5°	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4	10.4	10.5	10.5



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	8.9	9.1	9.3	9.4	9.6	9.7	9.9	9.9	10.0	10.0	10.1
-80°	7.7	7.9	8.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.0
-81.25°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6
-82.5°	5.9	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.4	6.5
-83.75°	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6
-85°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-86.25°	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2
-87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-88.75°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
86.25°	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
85°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
83.75°	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.9	5.9	5.9
82.5°	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8
81.25°	7.7	7.8	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.3
80°	9.1	9.2	9.3	9.3	9.4	9.5	9.6	9.6	9.7	9.7	9.8
78.75°	10.1	10.1	10.2	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.3
77.5°	10.6	10.6	10.6	10.7	10.7	10.7	10.8	10.8	10.8	10.8	10.8
76.25°	11.1	11.2	11.3	11.4	11.5	11.5	11.6	11.6	11.7	11.7	11.8
75°	12.1	12.2	12.2	12.3	12.4	12.5	12.5	12.6	12.7	12.7	12.8
73.75°	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.2	13.3	13.3	13.3
72.5°	13.4	13.5	13.5	13.6	13.6	13.7	13.7	13.7	13.8	13.8	13.8
71.25°	13.9	14.0	14.2	14.3	14.5	14.6	14.7	14.8	14.9	15.0	15.1
70°	15.2	15.3	15.5	15.7	15.8	16.0	16.1	16.2	16.3	16.4	16.5
68.75°	16.5	16.7	16.9	17.1	17.2	17.4	17.5	17.7	17.8	17.9	18.0
67.5°	17.9	18.1	18.3	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.5
66.25°	19.3	19.5	19.7	19.9	20.1	20.3	20.4	20.6	20.7	20.8	20.9
65°	20.6	20.9	21.1	21.3	21.5	21.7	21.9	22.0	22.2	22.3	22.4
63.75°	22.0	22.3	22.5	22.7	22.9	23.0	23.2	23.3	23.4	23.5	23.5
62.5°	23.2	23.4	23.5	23.7	23.9	24.0	24.1	24.2	24.3	24.4	24.5
61.25°	24.1	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.3	25.4	25.5
60°	25.0	25.2	25.4	25.6	25.7	25.9	26.0	26.2	26.3	26.4	26.5
58.75°	25.9	26.1	26.3	26.5	26.7	26.8	26.9	27.0	27.0	27.1	27.1
57.5°	26.8	26.9	27.0	27.1	27.2	27.3	27.4	27.5	27.5	27.6	27.6
56.25°	27.3	27.4	27.5	27.6	27.7	27.8	27.9	27.9	28.0	28.0	28.1
55°	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.4	28.5	28.5
53.75°	28.1	28.3	28.4	28.5	28.6	28.6	28.7	28.8	28.9	28.9	29.0
52.5°	28.5	28.7	28.8	28.9	29.0	29.1	29.2	29.3	29.4	29.4	29.5
51.25°	29.0	29.1	29.2	29.4	29.5	29.6	29.7	29.8	29.8	29.9	30.0
50°	29.4	29.6	29.7	29.8	29.9	30.1	30.2	30.2	30.3	30.4	30.5
48.75°	29.9	30.0	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0
47.5°	30.3	30.5	30.6	30.7	30.9	31.0	31.1	31.2	31.3	31.4	31.5
46.25°	30.8	30.9	31.1	31.2	31.3	31.5	31.6	31.7	31.9	32.0	32.2
45°	31.2	31.4	31.5	31.7	31.9	32.2	32.4	32.6	32.8	33.0	33.2
43.75°	31.6	31.9	32.2	32.5	32.8	33.1	33.3	33.6	33.7	33.8	33.9
42.5°	32.4	32.8	33.1	33.4	33.7	33.9	34.0	34.1	34.2	34.3	34.4
41.25°	33.3	33.7	33.9	34.0	34.2	34.3	34.5	34.6	34.7	34.8	34.9
40°	33.9	34.1	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.3	35.4
38.75°	34.3	34.6	34.7	34.9	35.1	35.3	35.4	35.5	35.7	35.8	36.0
37.5°	34.8	35.0	35.2	35.4	35.5	35.7	36.0	36.3	36.6	36.8	37.0
36.25°	35.2	35.4	35.6	35.9	36.3	36.6	37.0	37.2	37.5	38.1	39.5
35°	35.6	36.0	36.4	36.8	37.2	37.5	38.8	40.8	42.6	44.2	45.7



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	36.3	36.8	37.3	37.7	40.1	42.5	44.7	46.8	48.6	50.3	55.1
32.5°	37.2	37.6	40.3	43.1	45.7	48.2	50.6	58.0	64.7	70.7	76.2
31.25°	39.4	42.6	45.6	48.6	53.3	62.2	70.4	78.1	85.1	91.5	100.0
30°	44.4	47.8	52.1	62.5	72.3	81.5	90.1	102.0	116.4	129.5	141.2
28.75°	49.5	58.8	70.1	80.8	91.1	107.0	124.8	141.2	156.4	170.1	183.1
27.5°	63.8	76.1	87.8	103.7	124.7	144.5	163.0	180.2	202.0	221.9	239.2
26.25°	80.4	93.1	116.0	139.0	160.9	182.0	208.7	233.4	255.3	275.1	291.4
25°	99.0	124.9	149.9	173.8	202.8	232.4	259.1	283.2	304.2	324.4	344.1
23.75°	130.3	157.3	184.3	218.6	250.4	279.6	305.1	331.0	356.2	380.8	403.6
22.5°	161.0	192.1	229.2	263.5	294.2	323.6	354.2	384.8	414.0	443.6	470.4
21.25°	194.7	234.4	271.4	304.0	338.0	372.8	408.1	444.2	478.4	510.2	539.3
20°	234.4	274.0	309.0	346.8	386.0	426.2	467.4	506.6	543.8	579.6	611.5
18.75°	271.4	309.0	349.7	392.7	437.6	483.2	527.0	570.7	611.3	648.0	680.1
17.5°	304.0	346.8	392.7	441.4	491.2	539.9	589.0	634.1	675.2	712.1	740.2
16.25°	338.0	386.0	437.6	491.2	544.3	598.1	647.9	693.3	732.0	763.7	786.8
15°	372.8	426.2	483.2	539.9	598.1	652.5	702.5	743.6	776.5	802.9	822.2
13.75°	408.1	467.4	527.0	589.0	647.9	702.5	747.5	783.0	810.8	833.0	850.8
12.5°	444.2	506.6	570.7	634.1	693.3	743.6	783.0	813.5	837.8	858.3	875.1
11.25°	478.4	543.8	611.3	675.2	732.0	776.5	810.8	837.8	860.5	879.9	895.6
10°	510.2	579.6	648.0	712.1	763.7	802.9	833.0	858.3	879.9	897.8	912.4
8.75°	539.3	611.5	680.1	740.2	786.8	822.2	850.8	875.1	895.6	912.4	925.8
7.5°	566.4	639.3	708.2	764.5	806.1	838.5	865.8	889.1	908.5	924.1	938.0
6.25°	589.8	663.0	729.5	781.1	820.3	851.6	878.3	900.7	918.9	934.0	948.9
5°	608.7	682.0	746.0	795.1	832.1	862.0	887.7	909.2	926.6	943.0	957.5
3.75°	623.5	697.0	759.1	805.2	840.2	869.8	895.1	916.1	932.9	949.7	965.2
2.5°	634.2	707.9	767.6	811.6	846.1	875.5	900.4	920.4	937.8	954.5	970.9
1.25°	640.6	714.4	772.1	815.4	849.7	878.9	903.2	922.9	940.8	957.4	974.4
0°	642.8	716.6	773.6	816.7	850.9	880.1	904.1	923.8	941.8	958.4	975.5
-1.25°	640.6	714.4	772.1	815.4	849.7	878.9	903.2	922.9	940.8	957.4	974.4
-2.5°	634.2	707.9	767.6	811.6	846.1	875.5	900.4	920.4	937.8	954.5	970.9
-3.75°	623.5	697.0	759.1	805.2	840.2	869.8	895.1	916.1	932.9	949.7	965.2
-5°	608.7	682.0	746.0	795.1	832.1	862.0	887.7	909.2	926.6	943.0	957.5
-6.25°	589.8	663.0	729.5	781.1	820.3	851.6	878.3	900.7	918.9	934.0	948.9
-7.5°	566.4	639.3	708.2	764.5	806.1	838.5	865.8	889.1	908.5	924.1	938.0
-8.75°	539.3	611.5	680.1	740.2	786.8	822.2	850.8	875.1	895.6	912.4	925.8
-10°	510.2	579.6	648.0	712.1	763.7	802.9	833.0	858.3	879.9	897.8	912.4
-11.25°	478.4	543.8	611.3	675.2	732.0	776.5	810.8	837.8	860.5	879.9	895.6
-12.5°	444.2	506.6	570.7	634.1	693.3	743.6	783.0	813.5	837.8	858.3	875.1
-13.75°	408.1	467.4	527.0	589.0	647.9	702.5	747.5	783.0	810.8	833.0	850.8
-15°	372.8	426.2	483.2	539.9	598.1	652.5	702.5	743.6	776.5	802.9	822.2
-16.25°	338.0	386.0	437.6	491.2	544.3	598.1	647.9	693.3	732.0	763.7	786.8
-17.5°	304.0	346.8	392.7	441.4	491.2	539.9	589.0	634.1	675.2	712.1	740.2
-18.75°	271.4	309.0	349.7	392.7	437.6	483.2	527.0	570.7	611.3	648.0	680.1
-20°	234.4	274.0	309.0	346.8	386.0	426.2	467.4	506.6	543.8	579.6	611.5
-21.25°	194.7	234.4	271.4	304.0	338.0	372.8	408.1	444.2	478.4	510.2	539.3



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	161.0	192.1	229.2	263.5	294.2	323.6	354.2	384.8	414.0	443.6	470.4
-23.75°	130.3	157.3	184.3	218.6	250.4	279.6	305.1	331.0	356.2	380.8	403.6
-25°	99.0	124.9	149.9	173.8	202.8	232.4	259.1	283.2	304.2	324.4	344.1
-26.25°	80.4	93.1	116.0	139.0	160.9	182.0	208.7	233.4	255.3	275.1	291.4
-27.5°	63.8	76.1	87.8	103.7	124.7	144.5	163.0	180.2	202.0	221.9	239.2
-28.75°	49.5	58.8	70.1	80.8	91.1	107.0	124.8	141.2	156.4	170.1	183.1
-30°	44.4	47.8	52.1	62.5	72.3	81.5	90.1	102.0	116.4	129.5	141.2
-31.25°	39.4	42.6	45.6	48.6	53.3	62.2	70.4	78.1	85.1	91.5	100.0
-32.5°	37.2	37.6	40.3	43.1	45.7	48.2	50.6	58.0	64.7	70.7	76.2
-33.75°	36.3	36.8	37.3	37.7	40.1	42.5	44.7	46.8	48.6	50.3	55.1
-35°	35.6	36.0	36.4	36.8	37.2	37.5	38.8	40.8	42.6	44.2	45.7
-36.25°	35.2	35.4	35.6	35.9	36.3	36.6	37.0	37.2	37.5	38.1	39.5
-37.5°	34.8	35.0	35.2	35.4	35.5	35.7	36.0	36.3	36.6	36.8	37.0
-38.75°	34.3	34.6	34.7	34.9	35.1	35.3	35.4	35.5	35.7	35.8	36.0
-40°	33.9	34.1	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.3	35.4
-41.25°	33.3	33.7	33.9	34.0	34.2	34.3	34.5	34.6	34.7	34.8	34.9
-42.5°	32.4	32.8	33.1	33.4	33.7	33.9	34.0	34.1	34.2	34.3	34.4
-43.75°	31.6	31.9	32.2	32.5	32.8	33.1	33.3	33.6	33.7	33.8	33.9
-45°	31.2	31.4	31.5	31.7	31.9	32.2	32.4	32.6	32.8	33.0	33.2
-46.25°	30.8	30.9	31.1	31.2	31.3	31.5	31.6	31.7	31.9	32.0	32.2
-47.5°	30.3	30.5	30.6	30.7	30.9	31.0	31.1	31.2	31.3	31.4	31.5
-48.75°	29.9	30.0	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0
-50°	29.4	29.6	29.7	29.8	29.9	30.1	30.2	30.2	30.3	30.4	30.5
-51.25°	29.0	29.1	29.2	29.4	29.5	29.6	29.7	29.8	29.8	29.9	30.0
-52.5°	28.5	28.7	28.8	28.9	29.0	29.1	29.2	29.3	29.4	29.4	29.5
-53.75°	28.1	28.3	28.4	28.5	28.6	28.6	28.7	28.8	28.9	28.9	29.0
-55°	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.4	28.5	28.5
-56.25°	27.3	27.4	27.5	27.6	27.7	27.8	27.9	27.9	28.0	28.0	28.1
-57.5°	26.8	26.9	27.0	27.1	27.2	27.3	27.4	27.5	27.5	27.6	27.6
-58.75°	25.9	26.1	26.3	26.5	26.7	26.8	26.9	27.0	27.0	27.1	27.1
-60°	25.0	25.2	25.4	25.6	25.7	25.9	26.0	26.2	26.3	26.4	26.5
-61.25°	24.1	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.3	25.4	25.5
-62.5°	23.2	23.4	23.5	23.7	23.9	24.0	24.1	24.2	24.3	24.4	24.5
-63.75°	22.0	22.3	22.5	22.7	22.9	23.0	23.2	23.3	23.4	23.5	23.5
-65°	20.6	20.9	21.1	21.3	21.5	21.7	21.9	22.0	22.2	22.3	22.4
-66.25°	19.3	19.5	19.7	19.9	20.1	20.3	20.4	20.6	20.7	20.8	20.9
-67.5°	17.9	18.1	18.3	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.5
-68.75°	16.5	16.7	16.9	17.1	17.2	17.4	17.5	17.7	17.8	17.9	18.0
-70°	15.2	15.3	15.5	15.7	15.8	16.0	16.1	16.2	16.3	16.4	16.5
-71.25°	13.9	14.0	14.2	14.3	14.5	14.6	14.7	14.8	14.9	15.0	15.1
-72.5°	13.4	13.5	13.5	13.6	13.6	13.7	13.7	13.7	13.8	13.8	13.8
-73.75°	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.2	13.3	13.3	13.3
-75°	12.1	12.2	12.2	12.3	12.4	12.5	12.5	12.6	12.7	12.7	12.8
-76.25°	11.1	11.2	11.3	11.4	11.5	11.5	11.6	11.6	11.7	11.7	11.8
-77.5°	10.6	10.6	10.6	10.7	10.7	10.7	10.8	10.8	10.8	10.8	10.8



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	10.1	10.1	10.2	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.3
-80°	9.1	9.2	9.3	9.3	9.4	9.5	9.6	9.6	9.7	9.7	9.8
-81.25°	7.7	7.8	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.3
-82.5°	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8
-83.75°	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.9	5.9	5.9
-85°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-86.25°	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-88.75°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
86.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
83.75°	5.9	5.9	5.9	5.9	5.9	5.9	6.0	5.9	5.9	5.9	5.9
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
81.25°	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
80°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
78.75°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
77.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
76.25°	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
75°	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
73.75°	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
72.5°	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
71.25°	15.2	15.2	15.3	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.3
70°	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
68.75°	18.1	18.1	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.2	18.2
67.5°	19.6	19.6	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.7	19.7
66.25°	21.0	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.2	21.2
65°	22.5	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.7
63.75°	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
62.5°	24.6	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.7
61.25°	25.6	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.7
60°	26.6	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.7	26.7
58.75°	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.2
57.5°	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
56.25°	28.1	28.2	28.2	28.2	28.2	28.2	28.3	28.2	28.2	28.2	28.2
55°	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.6
53.75°	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.1
52.5°	29.5	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.6
51.25°	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.1
50°	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.6
48.75°	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.1
47.5°	31.5	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.6
46.25°	32.3	32.4	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.6	32.5
45°	33.3	33.4	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.6	33.5
43.75°	34.0	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.1	34.1
42.5°	34.5	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.6	34.6
41.25°	35.0	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.1
40°	35.5	35.5	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.6	35.6
38.75°	36.2	36.4	36.5	36.6	36.6	36.7	36.7	36.7	36.6	36.6	36.5
37.5°	37.2	37.3	37.5	37.6	37.6	37.7	37.7	37.7	37.6	37.6	37.5
36.25°	40.7	41.7	42.6	43.2	43.7	44.0	44.1	44.0	43.7	43.2	42.6
35°	46.9	48.0	48.9	49.6	50.1	50.4	50.5	50.4	50.1	49.6	48.9



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	59.6	63.5	66.7	69.1	70.9	72.0	72.4	72.0	70.9	69.1	66.7
32.5°	80.9	84.9	88.2	90.8	92.7	93.8	94.2	93.8	92.7	90.8	88.2
31.25°	109.8	118.1	125.0	130.3	134.2	136.5	137.3	136.5	134.2	130.3	125.0
30°	151.5	160.2	167.5	173.1	177.1	179.6	180.4	179.6	177.1	173.1	167.5
28.75°	198.0	210.6	221.1	229.2	234.9	238.3	239.4	238.3	234.9	229.2	221.1
27.5°	254.1	266.9	277.1	284.6	290.0	293.3	294.4	293.3	290.0	284.6	277.1
26.25°	305.8	318.4	330.0	339.1	345.6	349.6	350.9	349.6	345.6	339.1	330.0
25°	361.3	377.5	391.0	401.6	409.2	413.8	415.3	413.8	409.2	401.6	391.0
23.75°	424.6	443.8	459.7	472.2	481.3	486.8	488.7	486.8	481.3	472.2	459.7
22.5°	494.3	514.9	532.0	546.3	556.6	562.9	565.0	562.9	556.6	546.3	532.0
21.25°	566.4	589.8	608.7	623.5	634.2	640.6	642.8	640.6	634.2	623.5	608.7
20°	639.3	663.0	682.0	697.0	707.9	714.4	716.6	714.4	707.9	697.0	682.0
18.75°	708.2	729.5	746.0	759.1	767.6	772.1	773.6	772.1	767.6	759.1	746.0
17.5°	764.5	781.1	795.1	805.2	811.6	815.4	816.7	815.4	811.6	805.2	795.1
16.25°	806.1	820.3	832.1	840.2	846.1	849.7	850.9	849.7	846.1	840.2	832.1
15°	838.5	851.6	862.0	869.8	875.5	878.9	880.1	878.9	875.5	869.8	862.0
13.75°	865.8	878.3	887.7	895.1	900.4	903.2	904.1	903.2	900.4	895.1	887.7
12.5°	889.1	900.7	909.2	916.1	920.4	922.9	923.8	922.9	920.4	916.1	909.2
11.25°	908.5	918.9	926.6	932.9	937.8	940.8	941.8	940.8	937.8	932.9	926.6
10°	924.1	934.0	943.0	949.7	954.5	957.4	958.4	957.4	954.5	949.7	943.0
8.75°	938.0	948.9	957.5	965.2	970.9	974.4	975.5	974.4	970.9	965.2	957.5
7.5°	950.8	961.9	972.2	980.3	986.3	989.5	990.7	989.5	986.3	980.3	972.2
6.25°	961.9	974.5	985.2	993.0	998.8	1002.3	1003.5	1002.3	998.8	993.0	985.2
5°	972.2	985.2	995.4	1003.6	1007.6	1009.4	1010.0	1009.4	1007.6	1003.6	995.4
3.75°	980.3	993.0	1003.6	1008.8	1012.9	1016.1	1017.2	1016.1	1012.9	1008.8	1003.6
2.5°	986.3	998.8	1007.6	1012.9	1018.2	1020.9	1020.9	1020.9	1018.2	1012.9	1007.6
1.25°	989.5	1002.3	1009.4	1016.1	1020.9	1022.3	1025.3	1022.3	1020.9	1016.1	1009.4
0°	990.7	1003.5	1010.0	1017.2	1020.9	1025.3	1029.8	1025.3	1020.9	1017.2	1010.0
-1.25°	989.5	1002.3	1009.4	1016.1	1020.9	1022.3	1025.3	1022.3	1020.9	1016.1	1009.4
-2.5°	986.3	998.8	1007.6	1012.9	1018.2	1020.9	1020.9	1020.9	1018.2	1012.9	1007.6
-3.75°	980.3	993.0	1003.6	1008.8	1012.9	1016.1	1017.2	1016.1	1012.9	1008.8	1003.6
-5°	972.2	985.2	995.4	1003.6	1007.6	1009.4	1010.0	1009.4	1007.6	1003.6	995.4
-6.25°	961.9	974.5	985.2	993.0	998.8	1002.3	1003.5	1002.3	998.8	993.0	985.2
-7.5°	950.8	961.9	972.2	980.3	986.3	989.5	990.7	989.5	986.3	980.3	972.2
-8.75°	938.0	948.9	957.5	965.2	970.9	974.4	975.5	974.4	970.9	965.2	957.5
-10°	924.1	934.0	943.0	949.7	954.5	957.4	958.4	957.4	954.5	949.7	943.0
-11.25°	908.5	918.9	926.6	932.9	937.8	940.8	941.8	940.8	937.8	932.9	926.6
-12.5°	889.1	900.7	909.2	916.1	920.4	922.9	923.8	922.9	920.4	916.1	909.2
-13.75°	865.8	878.3	887.7	895.1	900.4	903.2	904.1	903.2	900.4	895.1	887.7
-15°	838.5	851.6	862.0	869.8	875.5	878.9	880.1	878.9	875.5	869.8	862.0
-16.25°	806.1	820.3	832.1	840.2	846.1	849.7	850.9	849.7	846.1	840.2	832.1
-17.5°	764.5	781.1	795.1	805.2	811.6	815.4	816.7	815.4	811.6	805.2	795.1
-18.75°	708.2	729.5	746.0	759.1	767.6	772.1	773.6	772.1	767.6	759.1	746.0
-20°	639.3	663.0	682.0	697.0	707.9	714.4	716.6	714.4	707.9	697.0	682.0
-21.25°	566.4	589.8	608.7	623.5	634.2	640.6	642.8	640.6	634.2	623.5	608.7



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	494.3	514.9	532.0	546.3	556.6	562.9	565.0	562.9	556.6	546.3	532.0
-23.75°	424.6	443.8	459.7	472.2	481.3	486.8	488.7	486.8	481.3	472.2	459.7
-25°	361.3	377.5	391.0	401.6	409.2	413.8	415.3	413.8	409.2	401.6	391.0
-26.25°	305.8	318.4	330.0	339.1	345.6	349.6	350.9	349.6	345.6	339.1	330.0
-27.5°	254.1	266.9	277.1	284.6	290.0	293.3	294.4	293.3	290.0	284.6	277.1
-28.75°	198.0	210.6	221.1	229.2	234.9	238.3	239.4	238.3	234.9	229.2	221.1
-30°	151.5	160.2	167.5	173.1	177.1	179.6	180.4	179.6	177.1	173.1	167.5
-31.25°	109.8	118.1	125.0	130.3	134.2	136.5	137.3	136.5	134.2	130.3	125.0
-32.5°	80.9	84.9	88.2	90.8	92.7	93.8	94.2	93.8	92.7	90.8	88.2
-33.75°	59.6	63.5	66.7	69.1	70.9	72.0	72.4	72.0	70.9	69.1	66.7
-35°	46.9	48.0	48.9	49.6	50.1	50.4	50.5	50.4	50.1	49.6	48.9
-36.25°	40.7	41.7	42.6	43.2	43.7	44.0	44.1	44.0	43.7	43.2	42.6
-37.5°	37.2	37.3	37.5	37.6	37.6	37.7	37.7	37.7	37.6	37.6	37.5
-38.75°	36.2	36.4	36.5	36.6	36.6	36.7	36.7	36.7	36.6	36.6	36.5
-40°	35.5	35.5	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.6	35.6
-41.25°	35.0	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.1
-42.5°	34.5	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.6	34.6
-43.75°	34.0	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.1	34.1
-45°	33.3	33.4	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.6	33.5
-46.25°	32.3	32.4	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.6	32.5
-47.5°	31.5	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.6
-48.75°	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.1
-50°	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.6
-51.25°	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.1
-52.5°	29.5	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.6
-53.75°	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.1
-55°	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.6
-56.25°	28.1	28.2	28.2	28.2	28.2	28.2	28.3	28.2	28.2	28.2	28.2
-57.5°	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
-58.75°	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.2
-60°	26.6	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.7	26.7
-61.25°	25.6	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.7
-62.5°	24.6	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.7
-63.75°	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
-65°	22.5	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.7
-66.25°	21.0	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.2	21.2
-67.5°	19.6	19.6	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.7	19.7
-68.75°	18.1	18.1	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.2	18.2
-70°	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
-71.25°	15.2	15.2	15.3	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.3
-72.5°	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
-73.75°	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
-75°	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
-76.25°	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
-77.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
-80°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
-81.25°	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
-82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-83.75°	5.9	5.9	5.9	5.9	5.9	5.9	6.0	5.9	5.9	5.9	5.9
-85°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-86.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
86.25°	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
85°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
83.75°	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7
82.5°	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6
81.25°	8.3	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8
80°	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.3	9.3
78.75°	10.4	10.4	10.3	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2
77.5°	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.6
76.25°	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.3
75°	12.8	12.8	12.8	12.7	12.7	12.6	12.5	12.5	12.4	12.3	12.2
73.75°	13.4	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.0
72.5°	13.9	13.8	13.8	13.8	13.8	13.7	13.7	13.7	13.6	13.6	13.5
71.25°	15.2	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.3	14.2
70°	16.7	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.8	15.7	15.5
68.75°	18.1	18.1	18.0	17.9	17.8	17.7	17.5	17.4	17.2	17.1	16.9
67.5°	19.6	19.6	19.5	19.4	19.3	19.1	19.0	18.8	18.7	18.5	18.3
66.25°	21.1	21.0	20.9	20.8	20.7	20.6	20.4	20.3	20.1	19.9	19.7
65°	22.6	22.5	22.4	22.3	22.2	22.0	21.9	21.7	21.5	21.3	21.1
63.75°	23.7	23.6	23.5	23.5	23.4	23.3	23.2	23.0	22.9	22.7	22.5
62.5°	24.7	24.6	24.5	24.4	24.3	24.2	24.1	24.0	23.9	23.7	23.5
61.25°	25.7	25.6	25.5	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.5
60°	26.6	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.7	25.6	25.4
58.75°	27.2	27.2	27.1	27.1	27.0	27.0	26.9	26.8	26.7	26.5	26.3
57.5°	27.7	27.7	27.6	27.6	27.5	27.5	27.4	27.3	27.2	27.1	27.0
56.25°	28.2	28.1	28.1	28.0	28.0	27.9	27.9	27.8	27.7	27.6	27.5
55°	28.6	28.6	28.5	28.5	28.4	28.4	28.3	28.2	28.1	28.0	27.9
53.75°	29.1	29.1	29.0	28.9	28.9	28.8	28.7	28.6	28.6	28.5	28.4
52.5°	29.6	29.5	29.5	29.4	29.4	29.3	29.2	29.1	29.0	28.9	28.8
51.25°	30.1	30.0	30.0	29.9	29.8	29.8	29.7	29.6	29.5	29.4	29.2
50°	30.6	30.5	30.5	30.4	30.3	30.2	30.2	30.1	29.9	29.8	29.7
48.75°	31.1	31.0	31.0	30.9	30.8	30.7	30.6	30.5	30.4	30.3	30.2
47.5°	31.6	31.5	31.5	31.4	31.3	31.2	31.1	31.0	30.9	30.7	30.6
46.25°	32.4	32.3	32.2	32.0	31.9	31.7	31.6	31.5	31.3	31.2	31.1
45°	33.4	33.3	33.2	33.0	32.8	32.6	32.4	32.2	31.9	31.7	31.5
43.75°	34.1	34.0	33.9	33.8	33.7	33.6	33.3	33.1	32.8	32.5	32.2
42.5°	34.6	34.5	34.4	34.3	34.2	34.1	34.0	33.9	33.7	33.4	33.1
41.25°	35.0	35.0	34.9	34.8	34.7	34.6	34.5	34.3	34.2	34.0	33.9
40°	35.5	35.5	35.4	35.3	35.2	35.1	34.9	34.8	34.6	34.5	34.3
38.75°	36.4	36.2	36.0	35.8	35.7	35.5	35.4	35.3	35.1	34.9	34.7
37.5°	37.3	37.2	37.0	36.8	36.6	36.3	36.0	35.7	35.5	35.4	35.2
36.25°	41.7	40.7	39.5	38.1	37.5	37.2	37.0	36.6	36.3	35.9	35.6
35°	48.0	46.9	45.7	44.2	42.6	40.8	38.8	37.5	37.2	36.8	36.4



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	63.5	59.6	55.1	50.3	48.6	46.8	44.7	42.5	40.1	37.7	37.3
32.5°	84.9	80.9	76.2	70.7	64.7	58.0	50.6	48.2	45.7	43.1	40.3
31.25°	118.1	109.8	100.0	91.5	85.1	78.1	70.4	62.2	53.3	48.6	45.6
30°	160.2	151.5	141.2	129.5	116.4	102.0	90.1	81.5	72.3	62.5	52.1
28.75°	210.6	198.0	183.1	170.1	156.4	141.2	124.8	107.0	91.1	80.8	70.1
27.5°	266.9	254.1	239.2	221.9	202.0	180.2	163.0	144.5	124.7	103.7	87.8
26.25°	318.4	305.8	291.4	275.1	255.3	233.4	208.7	182.0	160.9	139.0	116.0
25°	377.5	361.3	344.1	324.4	304.2	283.2	259.1	232.4	202.8	173.8	149.9
23.75°	443.8	424.6	403.6	380.8	356.2	331.0	305.1	279.6	250.4	218.6	184.3
22.5°	514.9	494.3	470.4	443.6	414.0	384.8	354.2	323.6	294.2	263.5	229.2
21.25°	589.8	566.4	539.3	510.2	478.4	444.2	408.1	372.8	338.0	304.0	271.4
20°	663.0	639.3	611.5	579.6	543.8	506.6	467.4	426.2	386.0	346.8	309.0
18.75°	729.5	708.2	680.1	648.0	611.3	570.7	527.0	483.2	437.6	392.7	349.7
17.5°	781.1	764.5	740.2	712.1	675.2	634.1	589.0	539.9	491.2	441.4	392.7
16.25°	820.3	806.1	786.8	763.7	732.0	693.3	647.9	598.1	544.3	491.2	437.6
15°	851.6	838.5	822.2	802.9	776.5	743.6	702.5	652.5	598.1	539.9	483.2
13.75°	878.3	865.8	850.8	833.0	810.8	783.0	747.5	702.5	647.9	589.0	527.0
12.5°	900.7	889.1	875.1	858.3	837.8	813.5	783.0	743.6	693.3	634.1	570.7
11.25°	918.9	908.5	895.6	879.9	860.5	837.8	810.8	776.5	732.0	675.2	611.3
10°	934.0	924.1	912.4	897.8	879.9	858.3	833.0	802.9	763.7	712.1	648.0
8.75°	948.9	938.0	925.8	912.4	895.6	875.1	850.8	822.2	786.8	740.2	680.1
7.5°	961.9	950.8	938.0	924.1	908.5	889.1	865.8	838.5	806.1	764.5	708.2
6.25°	974.5	961.9	948.9	934.0	918.9	900.7	878.3	851.6	820.3	781.1	729.5
5°	985.2	972.2	957.5	943.0	926.6	909.2	887.7	862.0	832.1	795.1	746.0
3.75°	993.0	980.3	965.2	949.7	932.9	916.1	895.1	869.8	840.2	805.2	759.1
2.5°	998.8	986.3	970.9	954.5	937.8	920.4	900.4	875.5	846.1	811.6	767.6
1.25°	1002.3	989.5	974.4	957.4	940.8	922.9	903.2	878.9	849.7	815.4	772.1
0°	1003.5	990.7	975.5	958.4	941.8	923.8	904.1	880.1	850.9	816.7	773.6
-1.25°	1002.3	989.5	974.4	957.4	940.8	922.9	903.2	878.9	849.7	815.4	772.1
-2.5°	998.8	986.3	970.9	954.5	937.8	920.4	900.4	875.5	846.1	811.6	767.6
-3.75°	993.0	980.3	965.2	949.7	932.9	916.1	895.1	869.8	840.2	805.2	759.1
-5°	985.2	972.2	957.5	943.0	926.6	909.2	887.7	862.0	832.1	795.1	746.0
-6.25°	974.5	961.9	948.9	934.0	918.9	900.7	878.3	851.6	820.3	781.1	729.5
-7.5°	961.9	950.8	938.0	924.1	908.5	889.1	865.8	838.5	806.1	764.5	708.2
-8.75°	948.9	938.0	925.8	912.4	895.6	875.1	850.8	822.2	786.8	740.2	680.1
-10°	934.0	924.1	912.4	897.8	879.9	858.3	833.0	802.9	763.7	712.1	648.0
-11.25°	918.9	908.5	895.6	879.9	860.5	837.8	810.8	776.5	732.0	675.2	611.3
-12.5°	900.7	889.1	875.1	858.3	837.8	813.5	783.0	743.6	693.3	634.1	570.7
-13.75°	878.3	865.8	850.8	833.0	810.8	783.0	747.5	702.5	647.9	589.0	527.0
-15°	851.6	838.5	822.2	802.9	776.5	743.6	702.5	652.5	598.1	539.9	483.2
-16.25°	820.3	806.1	786.8	763.7	732.0	693.3	647.9	598.1	544.3	491.2	437.6
-17.5°	781.1	764.5	740.2	712.1	675.2	634.1	589.0	539.9	491.2	441.4	392.7
-18.75°	729.5	708.2	680.1	648.0	611.3	570.7	527.0	483.2	437.6	392.7	349.7
-20°	663.0	639.3	611.5	579.6	543.8	506.6	467.4	426.2	386.0	346.8	309.0
-21.25°	589.8	566.4	539.3	510.2	478.4	444.2	408.1	372.8	338.0	304.0	271.4



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	514.9	494.3	470.4	443.6	414.0	384.8	354.2	323.6	294.2	263.5	229.2
-23.75°	443.8	424.6	403.6	380.8	356.2	331.0	305.1	279.6	250.4	218.6	184.3
-25°	377.5	361.3	344.1	324.4	304.2	283.2	259.1	232.4	202.8	173.8	149.9
-26.25°	318.4	305.8	291.4	275.1	255.3	233.4	208.7	182.0	160.9	139.0	116.0
-27.5°	266.9	254.1	239.2	221.9	202.0	180.2	163.0	144.5	124.7	103.7	87.8
-28.75°	210.6	198.0	183.1	170.1	156.4	141.2	124.8	107.0	91.1	80.8	70.1
-30°	160.2	151.5	141.2	129.5	116.4	102.0	90.1	81.5	72.3	62.5	52.1
-31.25°	118.1	109.8	100.0	91.5	85.1	78.1	70.4	62.2	53.3	48.6	45.6
-32.5°	84.9	80.9	76.2	70.7	64.7	58.0	50.6	48.2	45.7	43.1	40.3
-33.75°	63.5	59.6	55.1	50.3	48.6	46.8	44.7	42.5	40.1	37.7	37.3
-35°	48.0	46.9	45.7	44.2	42.6	40.8	38.8	37.5	37.2	36.8	36.4
-36.25°	41.7	40.7	39.5	38.1	37.5	37.2	37.0	36.6	36.3	35.9	35.6
-37.5°	37.3	37.2	37.0	36.8	36.6	36.3	36.0	35.7	35.5	35.4	35.2
-38.75°	36.4	36.2	36.0	35.8	35.7	35.5	35.4	35.3	35.1	34.9	34.7
-40°	35.5	35.5	35.4	35.3	35.2	35.1	34.9	34.8	34.6	34.5	34.3
-41.25°	35.0	35.0	34.9	34.8	34.7	34.6	34.5	34.3	34.2	34.0	33.9
-42.5°	34.6	34.5	34.4	34.3	34.2	34.1	34.0	33.9	33.7	33.4	33.1
-43.75°	34.1	34.0	33.9	33.8	33.7	33.6	33.3	33.1	32.8	32.5	32.2
-45°	33.4	33.3	33.2	33.0	32.8	32.6	32.4	32.2	31.9	31.7	31.5
-46.25°	32.4	32.3	32.2	32.0	31.9	31.7	31.6	31.5	31.3	31.2	31.1
-47.5°	31.6	31.5	31.5	31.4	31.3	31.2	31.1	31.0	30.9	30.7	30.6
-48.75°	31.1	31.0	31.0	30.9	30.8	30.7	30.6	30.5	30.4	30.3	30.2
-50°	30.6	30.5	30.5	30.4	30.3	30.2	30.2	30.1	29.9	29.8	29.7
-51.25°	30.1	30.0	30.0	29.9	29.8	29.8	29.7	29.6	29.5	29.4	29.2
-52.5°	29.6	29.5	29.5	29.4	29.4	29.3	29.2	29.1	29.0	28.9	28.8
-53.75°	29.1	29.1	29.0	28.9	28.9	28.8	28.7	28.6	28.6	28.5	28.4
-55°	28.6	28.6	28.5	28.5	28.4	28.4	28.3	28.2	28.1	28.0	27.9
-56.25°	28.2	28.1	28.1	28.0	28.0	27.9	27.9	27.8	27.7	27.6	27.5
-57.5°	27.7	27.7	27.6	27.6	27.5	27.5	27.4	27.3	27.2	27.1	27.0
-58.75°	27.2	27.2	27.1	27.1	27.0	27.0	26.9	26.8	26.7	26.5	26.3
-60°	26.6	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.7	25.6	25.4
-61.25°	25.7	25.6	25.5	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.5
-62.5°	24.7	24.6	24.5	24.4	24.3	24.2	24.1	24.0	23.9	23.7	23.5
-63.75°	23.7	23.6	23.5	23.5	23.4	23.3	23.2	23.0	22.9	22.7	22.5
-65°	22.6	22.5	22.4	22.3	22.2	22.0	21.9	21.7	21.5	21.3	21.1
-66.25°	21.1	21.0	20.9	20.8	20.7	20.6	20.4	20.3	20.1	19.9	19.7
-67.5°	19.6	19.6	19.5	19.4	19.3	19.1	19.0	18.8	18.7	18.5	18.3
-68.75°	18.1	18.1	18.0	17.9	17.8	17.7	17.5	17.4	17.2	17.1	16.9
-70°	16.7	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.8	15.7	15.5
-71.25°	15.2	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.3	14.2
-72.5°	13.9	13.8	13.8	13.8	13.8	13.7	13.7	13.7	13.6	13.6	13.5
-73.75°	13.4	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.0
-75°	12.8	12.8	12.8	12.7	12.7	12.6	12.5	12.5	12.4	12.3	12.2
-76.25°	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.3
-77.5°	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.6



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	10.4	10.4	10.3	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2
-80°	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.3	9.3
-81.25°	8.3	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8
-82.5°	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6
-83.75°	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7
-85°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-86.25°	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
86.25°	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
85°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
83.75°	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2
82.5°	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.0
81.25°	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8
80°	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.1	8.0
78.75°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.7	9.6	9.4	9.3
77.5°	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1
76.25°	11.2	11.1	11.0	11.0	10.9	10.8	10.8	10.7	10.7	10.6	10.5
75°	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.4	11.3	11.1	11.0
73.75°	13.0	12.9	12.9	12.8	12.7	12.5	12.4	12.3	12.1	12.0	11.8
72.5°	13.5	13.4	13.4	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.7
71.25°	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.4	13.4	13.3	13.2
70°	15.3	15.2	15.0	14.8	14.5	14.3	14.1	13.9	13.8	13.7	13.6
68.75°	16.7	16.5	16.3	16.1	15.8	15.6	15.4	15.1	14.8	14.5	14.2
67.5°	18.1	17.9	17.6	17.4	17.2	16.9	16.6	16.3	16.1	15.8	15.4
66.25°	19.5	19.3	19.0	18.8	18.5	18.2	17.9	17.6	17.3	17.0	16.6
65°	20.9	20.6	20.4	20.1	19.8	19.5	19.2	18.9	18.6	18.2	17.9
63.75°	22.3	22.0	21.7	21.5	21.2	20.8	20.5	20.2	19.8	19.5	19.1
62.5°	23.4	23.2	23.0	22.8	22.5	22.2	21.8	21.5	21.1	20.7	20.3
61.25°	24.3	24.1	23.9	23.7	23.5	23.2	23.0	22.7	22.3	21.9	21.5
60°	25.2	25.0	24.8	24.6	24.4	24.1	23.9	23.6	23.3	23.0	22.7
58.75°	26.1	25.9	25.7	25.5	25.2	25.0	24.7	24.4	24.2	23.9	23.6
57.5°	26.9	26.8	26.6	26.4	26.1	25.8	25.6	25.3	25.0	24.7	24.4
56.25°	27.4	27.3	27.2	27.0	26.9	26.7	26.4	26.1	25.8	25.5	25.2
55°	27.8	27.7	27.6	27.5	27.3	27.2	27.0	26.9	26.6	26.3	25.9
53.75°	28.3	28.1	28.0	27.9	27.8	27.6	27.5	27.3	27.1	26.9	26.7
52.5°	28.7	28.5	28.4	28.3	28.2	28.0	27.9	27.7	27.5	27.3	27.2
51.25°	29.1	29.0	28.8	28.7	28.5	28.4	28.2	28.1	27.9	27.7	27.5
50°	29.6	29.4	29.3	29.1	29.0	28.8	28.6	28.4	28.3	28.1	27.9
48.75°	30.0	29.9	29.7	29.5	29.4	29.2	29.0	28.8	28.6	28.5	28.3
47.5°	30.5	30.3	30.1	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6
46.25°	30.9	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0
45°	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.3
43.75°	31.9	31.6	31.4	31.3	31.1	30.9	30.6	30.4	30.2	30.0	29.7
42.5°	32.8	32.4	32.0	31.7	31.5	31.3	31.0	30.8	30.6	30.3	30.1
41.25°	33.7	33.3	32.9	32.5	32.1	31.7	31.4	31.2	31.0	30.7	30.4
40°	34.1	33.9	33.7	33.3	32.9	32.4	31.9	31.6	31.3	31.1	30.8
38.75°	34.6	34.3	34.1	33.9	33.7	33.2	32.7	32.2	31.7	31.4	31.2
37.5°	35.0	34.8	34.6	34.3	34.1	33.8	33.5	33.0	32.4	31.9	31.5
36.25°	35.4	35.2	35.0	34.7	34.5	34.2	34.0	33.7	33.1	32.6	32.0
35°	36.0	35.6	35.4	35.1	34.9	34.6	34.3	34.1	33.8	33.3	32.7

REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	36.8	36.3	35.9	35.5	35.3	35.0	34.7	34.4	34.1	33.8	33.3
32.5°	37.6	37.2	36.6	36.1	35.6	35.4	35.1	34.8	34.5	34.2	33.8
31.25°	42.6	39.4	37.4	36.9	36.3	35.8	35.4	35.1	34.8	34.5	34.2
30°	47.8	44.4	41.0	37.6	37.1	36.5	35.9	35.5	35.1	34.8	34.5
28.75°	58.8	49.5	45.9	42.1	38.3	37.2	36.5	35.9	35.5	35.1	34.8
27.5°	76.1	63.8	51.1	46.8	42.8	38.8	37.2	36.5	35.9	35.4	35.1
26.25°	93.1	80.4	67.2	53.6	47.3	43.1	38.8	37.2	36.5	35.8	35.4
25°	124.9	99.0	83.0	68.9	54.4	47.3	42.8	38.3	37.1	36.3	35.6
23.75°	157.3	130.3	102.5	83.9	68.9	53.6	46.8	42.1	37.6	36.9	36.1
22.5°	192.1	161.0	132.1	102.5	83.0	67.2	51.1	45.9	41.0	37.4	36.6
21.25°	234.4	194.7	161.0	130.3	99.0	80.4	63.8	49.5	44.4	39.4	37.2
20°	274.0	234.4	192.1	157.3	124.9	93.1	76.1	58.8	47.8	42.6	37.6
18.75°	309.0	271.4	229.2	184.3	149.9	116.0	87.8	70.1	52.1	45.6	40.3
17.5°	346.8	304.0	263.5	218.6	173.8	139.0	103.7	80.8	62.5	48.6	43.1
16.25°	386.0	338.0	294.2	250.4	202.8	160.9	124.7	91.1	72.3	53.3	45.7
15°	426.2	372.8	323.6	279.6	232.4	182.0	144.5	107.0	81.5	62.2	48.2
13.75°	467.4	408.1	354.2	305.1	259.1	208.7	163.0	124.8	90.1	70.4	50.6
12.5°	506.6	444.2	384.8	331.0	283.2	233.4	180.2	141.2	102.0	78.1	58.0
11.25°	543.8	478.4	414.0	356.2	304.2	255.3	202.0	156.4	116.4	85.1	64.7
10°	579.6	510.2	443.6	380.8	324.4	275.1	221.9	170.1	129.5	91.5	70.7
8.75°	611.5	539.3	470.4	403.6	344.1	291.4	239.2	183.1	141.2	100.0	76.2
7.5°	639.3	566.4	494.3	424.6	361.3	305.8	254.1	198.0	151.5	109.8	80.9
6.25°	663.0	589.8	514.9	443.8	377.5	318.4	266.9	210.6	160.2	118.1	84.9
5°	682.0	608.7	532.0	459.7	391.0	330.0	277.1	221.1	167.5	125.0	88.2
3.75°	697.0	623.5	546.3	472.2	401.6	339.1	284.6	229.2	173.1	130.3	90.8
2.5°	707.9	634.2	556.6	481.3	409.2	345.6	290.0	234.9	177.1	134.2	92.7
1.25°	714.4	640.6	562.9	486.8	413.8	349.6	293.3	238.3	179.6	136.5	93.8
0°	716.6	642.8	565.0	488.7	415.3	350.9	294.4	239.4	180.4	137.3	94.2
-1.25°	714.4	640.6	562.9	486.8	413.8	349.6	293.3	238.3	179.6	136.5	93.8
-2.5°	707.9	634.2	556.6	481.3	409.2	345.6	290.0	234.9	177.1	134.2	92.7
-3.75°	697.0	623.5	546.3	472.2	401.6	339.1	284.6	229.2	173.1	130.3	90.8
-5°	682.0	608.7	532.0	459.7	391.0	330.0	277.1	221.1	167.5	125.0	88.2
-6.25°	663.0	589.8	514.9	443.8	377.5	318.4	266.9	210.6	160.2	118.1	84.9
-7.5°	639.3	566.4	494.3	424.6	361.3	305.8	254.1	198.0	151.5	109.8	80.9
-8.75°	611.5	539.3	470.4	403.6	344.1	291.4	239.2	183.1	141.2	100.0	76.2
-10°	579.6	510.2	443.6	380.8	324.4	275.1	221.9	170.1	129.5	91.5	70.7
-11.25°	543.8	478.4	414.0	356.2	304.2	255.3	202.0	156.4	116.4	85.1	64.7
-12.5°	506.6	444.2	384.8	331.0	283.2	233.4	180.2	141.2	102.0	78.1	58.0
-13.75°	467.4	408.1	354.2	305.1	259.1	208.7	163.0	124.8	90.1	70.4	50.6
-15°	426.2	372.8	323.6	279.6	232.4	182.0	144.5	107.0	81.5	62.2	48.2
-16.25°	386.0	338.0	294.2	250.4	202.8	160.9	124.7	91.1	72.3	53.3	45.7
-17.5°	346.8	304.0	263.5	218.6	173.8	139.0	103.7	80.8	62.5	48.6	43.1
-18.75°	309.0	271.4	229.2	184.3	149.9	116.0	87.8	70.1	52.1	45.6	40.3
-20°	274.0	234.4	192.1	157.3	124.9	93.1	76.1	58.8	47.8	42.6	37.6
-21.25°	234.4	194.7	161.0	130.3	99.0	80.4	63.8	49.5	44.4	39.4	37.2



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	192.1	161.0	132.1	102.5	83.0	67.2	51.1	45.9	41.0	37.4	36.6
-23.75°	157.3	130.3	102.5	83.9	68.9	53.6	46.8	42.1	37.6	36.9	36.1
-25°	124.9	99.0	83.0	68.9	54.4	47.3	42.8	38.3	37.1	36.3	35.6
-26.25°	93.1	80.4	67.2	53.6	47.3	43.1	38.8	37.2	36.5	35.8	35.4
-27.5°	76.1	63.8	51.1	46.8	42.8	38.8	37.2	36.5	35.9	35.4	35.1
-28.75°	58.8	49.5	45.9	42.1	38.3	37.2	36.5	35.9	35.5	35.1	34.8
-30°	47.8	44.4	41.0	37.6	37.1	36.5	35.9	35.5	35.1	34.8	34.5
-31.25°	42.6	39.4	37.4	36.9	36.3	35.8	35.4	35.1	34.8	34.5	34.2
-32.5°	37.6	37.2	36.6	36.1	35.6	35.4	35.1	34.8	34.5	34.2	33.8
-33.75°	36.8	36.3	35.9	35.5	35.3	35.0	34.7	34.4	34.1	33.8	33.3
-35°	36.0	35.6	35.4	35.1	34.9	34.6	34.3	34.1	33.8	33.3	32.7
-36.25°	35.4	35.2	35.0	34.7	34.5	34.2	34.0	33.7	33.1	32.6	32.0
-37.5°	35.0	34.8	34.6	34.3	34.1	33.8	33.5	33.0	32.4	31.9	31.5
-38.75°	34.6	34.3	34.1	33.9	33.7	33.2	32.7	32.2	31.7	31.4	31.2
-40°	34.1	33.9	33.7	33.3	32.9	32.4	31.9	31.6	31.3	31.1	30.8
-41.25°	33.7	33.3	32.9	32.5	32.1	31.7	31.4	31.2	31.0	30.7	30.4
-42.5°	32.8	32.4	32.0	31.7	31.5	31.3	31.0	30.8	30.6	30.3	30.1
-43.75°	31.9	31.6	31.4	31.3	31.1	30.9	30.6	30.4	30.2	30.0	29.7
-45°	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.3
-46.25°	30.9	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0
-47.5°	30.5	30.3	30.1	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6
-48.75°	30.0	29.9	29.7	29.5	29.4	29.2	29.0	28.8	28.6	28.5	28.3
-50°	29.6	29.4	29.3	29.1	29.0	28.8	28.6	28.4	28.3	28.1	27.9
-51.25°	29.1	29.0	28.8	28.7	28.5	28.4	28.2	28.1	27.9	27.7	27.5
-52.5°	28.7	28.5	28.4	28.3	28.2	28.0	27.9	27.7	27.5	27.3	27.2
-53.75°	28.3	28.1	28.0	27.9	27.8	27.6	27.5	27.3	27.1	26.9	26.7
-55°	27.8	27.7	27.6	27.5	27.3	27.2	27.0	26.9	26.6	26.3	25.9
-56.25°	27.4	27.3	27.2	27.0	26.9	26.7	26.4	26.1	25.8	25.5	25.2
-57.5°	26.9	26.8	26.6	26.4	26.1	25.8	25.6	25.3	25.0	24.7	24.4
-58.75°	26.1	25.9	25.7	25.5	25.2	25.0	24.7	24.4	24.2	23.9	23.6
-60°	25.2	25.0	24.8	24.6	24.4	24.1	23.9	23.6	23.3	23.0	22.7
-61.25°	24.3	24.1	23.9	23.7	23.5	23.2	23.0	22.7	22.3	21.9	21.5
-62.5°	23.4	23.2	23.0	22.8	22.5	22.2	21.8	21.5	21.1	20.7	20.3
-63.75°	22.3	22.0	21.7	21.5	21.2	20.8	20.5	20.2	19.8	19.5	19.1
-65°	20.9	20.6	20.4	20.1	19.8	19.5	19.2	18.9	18.6	18.2	17.9
-66.25°	19.5	19.3	19.0	18.8	18.5	18.2	17.9	17.6	17.3	17.0	16.6
-67.5°	18.1	17.9	17.6	17.4	17.2	16.9	16.6	16.3	16.1	15.8	15.4
-68.75°	16.7	16.5	16.3	16.1	15.8	15.6	15.4	15.1	14.8	14.5	14.2
-70°	15.3	15.2	15.0	14.8	14.5	14.3	14.1	13.9	13.8	13.7	13.6
-71.25°	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.4	13.4	13.3	13.2
-72.5°	13.5	13.4	13.4	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.7
-73.75°	13.0	12.9	12.9	12.8	12.7	12.5	12.4	12.3	12.1	12.0	11.8
-75°	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.4	11.3	11.1	11.0
-76.25°	11.2	11.1	11.0	11.0	10.9	10.8	10.8	10.7	10.7	10.6	10.5
-77.5°	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.7	9.6	9.4	9.3
-80°	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.1	8.0
-81.25°	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8
-82.5°	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.0
-83.75°	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2
-85°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
-86.25°	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
-87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
86.25°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1
85°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
83.75°	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
82.5°	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1
81.25°	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
80°	7.9	7.7	7.6	7.4	7.2	7.1	6.9	6.8	6.7	6.6	6.4
78.75°	9.1	8.9	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
77.5°	10.0	10.0	9.9	9.8	9.6	9.4	9.1	8.9	8.7	8.5	8.2
76.25°	10.5	10.4	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.5	9.3
75°	10.9	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.0
73.75°	11.7	11.5	11.3	11.2	11.0	10.9	10.8	10.7	10.6	10.5	10.4
72.5°	12.5	12.3	12.1	11.9	11.8	11.6	11.4	11.1	10.9	10.8	10.7
71.25°	13.1	13.0	12.9	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2
70°	13.5	13.4	13.3	13.2	13.1	13.0	12.8	12.6	12.3	12.1	11.8
68.75°	13.9	13.8	13.7	13.6	13.5	13.3	13.2	13.1	13.0	12.8	12.5
67.5°	15.1	14.8	14.5	14.1	13.8	13.7	13.6	13.5	13.3	13.2	13.0
66.25°	16.3	15.9	15.6	15.2	14.8	14.4	14.0	13.8	13.7	13.5	13.4
65°	17.5	17.1	16.7	16.3	15.9	15.5	15.1	14.7	14.2	13.9	13.7
63.75°	18.7	18.3	17.9	17.5	17.0	16.6	16.1	15.7	15.2	14.7	14.3
62.5°	19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7	16.2	15.7	15.2
61.25°	21.1	20.6	20.2	19.7	19.2	18.7	18.2	17.7	17.2	16.7	16.1
60°	22.3	21.8	21.3	20.8	20.3	19.8	19.3	18.8	18.2	17.6	17.1
58.75°	23.2	22.9	22.5	22.0	21.4	20.9	20.3	19.8	19.2	18.6	18.0
57.5°	24.0	23.7	23.3	23.0	22.5	22.0	21.4	20.8	20.2	19.6	19.0
56.25°	24.8	24.5	24.1	23.7	23.3	23.0	22.4	21.8	21.2	20.6	19.9
55°	25.6	25.2	24.8	24.5	24.1	23.7	23.2	22.8	22.2	21.5	20.8
53.75°	26.4	26.0	25.6	25.2	24.8	24.3	23.9	23.5	23.0	22.5	21.8
52.5°	27.0	26.7	26.3	25.9	25.5	25.0	24.6	24.1	23.7	23.2	22.7
51.25°	27.3	27.1	26.9	26.6	26.2	25.7	25.3	24.8	24.3	23.8	23.3
50°	27.7	27.5	27.3	27.1	26.8	26.4	25.9	25.4	24.9	24.4	23.9
48.75°	28.1	27.9	27.6	27.4	27.2	26.9	26.6	26.1	25.6	25.0	24.5
47.5°	28.4	28.2	28.0	27.8	27.5	27.3	27.0	26.7	26.2	25.6	25.1
46.25°	28.7	28.5	28.3	28.1	27.8	27.6	27.3	27.1	26.8	26.2	25.7
45°	29.1	28.9	28.6	28.4	28.1	27.9	27.6	27.4	27.1	26.8	26.2
43.75°	29.5	29.2	29.0	28.7	28.4	28.2	27.9	27.7	27.4	27.1	26.8
42.5°	29.8	29.6	29.3	29.0	28.7	28.5	28.2	28.0	27.7	27.4	27.1
41.25°	30.2	29.9	29.6	29.3	29.1	28.8	28.5	28.2	27.9	27.6	27.3
40°	30.5	30.2	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6
38.75°	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.7	28.4	28.1	27.8
37.5°	31.2	30.9	30.6	30.3	30.0	29.7	29.3	29.0	28.7	28.4	28.1
36.25°	31.5	31.2	30.9	30.6	30.3	30.0	29.6	29.3	29.0	28.6	28.3
35°	32.0	31.6	31.2	30.9	30.6	30.2	29.9	29.6	29.2	28.9	28.5



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	32.7	32.0	31.5	31.2	30.9	30.5	30.2	29.8	29.5	29.1	28.7
32.5°	33.3	32.7	32.0	31.5	31.2	30.8	30.4	30.1	29.7	29.3	29.0
31.25°	33.8	33.3	32.6	31.9	31.4	31.1	30.7	30.3	30.0	29.6	29.2
30°	34.1	33.8	33.1	32.4	31.7	31.3	31.0	30.6	30.2	29.8	29.4
28.75°	34.4	34.1	33.7	33.0	32.2	31.6	31.2	30.8	30.4	30.0	29.6
27.5°	34.7	34.3	34.0	33.5	32.7	31.9	31.4	31.0	30.6	30.2	29.8
26.25°	35.0	34.6	34.2	33.8	33.2	32.4	31.7	31.3	30.9	30.4	30.0
25°	35.3	34.9	34.5	34.1	33.7	32.9	32.1	31.5	31.1	30.6	30.2
23.75°	35.5	35.1	34.7	34.3	33.9	33.3	32.5	31.7	31.3	30.8	30.4
22.5°	35.9	35.4	35.0	34.6	34.1	33.7	32.9	32.0	31.4	31.0	30.6
21.25°	36.3	35.6	35.2	34.8	34.3	33.9	33.3	32.4	31.6	31.2	30.8
20°	36.8	36.0	35.4	35.0	34.6	34.1	33.7	32.8	31.9	31.4	30.9
18.75°	37.3	36.4	35.6	35.2	34.7	34.3	33.9	33.1	32.2	31.5	31.1
17.5°	37.7	36.8	35.9	35.4	34.9	34.5	34.0	33.4	32.5	31.7	31.2
16.25°	40.1	37.2	36.3	35.5	35.1	34.6	34.2	33.7	32.8	31.9	31.3
15°	42.5	37.5	36.6	35.7	35.3	34.8	34.3	33.9	33.1	32.2	31.5
13.75°	44.7	38.8	37.0	36.0	35.4	34.9	34.5	34.0	33.3	32.4	31.6
12.5°	46.8	40.8	37.2	36.3	35.5	35.1	34.6	34.1	33.6	32.6	31.7
11.25°	48.6	42.6	37.5	36.6	35.7	35.2	34.7	34.2	33.7	32.8	31.9
10°	50.3	44.2	38.1	36.8	35.8	35.3	34.8	34.3	33.8	33.0	32.0
8.75°	55.1	45.7	39.5	37.0	36.0	35.4	34.9	34.4	33.9	33.2	32.2
7.5°	59.6	46.9	40.7	37.2	36.2	35.5	35.0	34.5	34.0	33.3	32.3
6.25°	63.5	48.0	41.7	37.3	36.4	35.5	35.0	34.6	34.1	33.4	32.4
5°	66.7	48.9	42.6	37.5	36.5	35.6	35.1	34.6	34.1	33.5	32.5
3.75°	69.1	49.6	43.2	37.6	36.6	35.6	35.1	34.6	34.1	33.6	32.6
2.5°	70.9	50.1	43.7	37.6	36.6	35.7	35.2	34.7	34.2	33.7	32.7
1.25°	72.0	50.4	44.0	37.7	36.7	35.7	35.2	34.7	34.2	33.7	32.7
0°	72.4	50.5	44.1	37.7	36.7	35.7	35.2	34.7	34.2	33.7	32.7
-1.25°	72.0	50.4	44.0	37.7	36.7	35.7	35.2	34.7	34.2	33.7	32.7
-2.5°	70.9	50.1	43.7	37.6	36.6	35.7	35.2	34.7	34.2	33.7	32.7
-3.75°	69.1	49.6	43.2	37.6	36.6	35.6	35.1	34.6	34.1	33.6	32.6
-5°	66.7	48.9	42.6	37.5	36.5	35.6	35.1	34.6	34.1	33.5	32.5
-6.25°	63.5	48.0	41.7	37.3	36.4	35.5	35.0	34.6	34.1	33.4	32.4
-7.5°	59.6	46.9	40.7	37.2	36.2	35.5	35.0	34.5	34.0	33.3	32.3
-8.75°	55.1	45.7	39.5	37.0	36.0	35.4	34.9	34.4	33.9	33.2	32.2
-10°	50.3	44.2	38.1	36.8	35.8	35.3	34.8	34.3	33.8	33.0	32.0
-11.25°	48.6	42.6	37.5	36.6	35.7	35.2	34.7	34.2	33.7	32.8	31.9
-12.5°	46.8	40.8	37.2	36.3	35.5	35.1	34.6	34.1	33.6	32.6	31.7
-13.75°	44.7	38.8	37.0	36.0	35.4	34.9	34.5	34.0	33.3	32.4	31.6
-15°	42.5	37.5	36.6	35.7	35.3	34.8	34.3	33.9	33.1	32.2	31.5
-16.25°	40.1	37.2	36.3	35.5	35.1	34.6	34.2	33.7	32.8	31.9	31.3
-17.5°	37.7	36.8	35.9	35.4	34.9	34.5	34.0	33.4	32.5	31.7	31.2
-18.75°	37.3	36.4	35.6	35.2	34.7	34.3	33.9	33.1	32.2	31.5	31.1
-20°	36.8	36.0	35.4	35.0	34.6	34.1	33.7	32.8	31.9	31.4	30.9
-21.25°	36.3	35.6	35.2	34.8	34.3	33.9	33.3	32.4	31.6	31.2	30.8



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	35.9	35.4	35.0	34.6	34.1	33.7	32.9	32.0	31.4	31.0	30.6
-23.75°	35.5	35.1	34.7	34.3	33.9	33.3	32.5	31.7	31.3	30.8	30.4
-25°	35.3	34.9	34.5	34.1	33.7	32.9	32.1	31.5	31.1	30.6	30.2
-26.25°	35.0	34.6	34.2	33.8	33.2	32.4	31.7	31.3	30.9	30.4	30.0
-27.5°	34.7	34.3	34.0	33.5	32.7	31.9	31.4	31.0	30.6	30.2	29.8
-28.75°	34.4	34.1	33.7	33.0	32.2	31.6	31.2	30.8	30.4	30.0	29.6
-30°	34.1	33.8	33.1	32.4	31.7	31.3	31.0	30.6	30.2	29.8	29.4
-31.25°	33.8	33.3	32.6	31.9	31.4	31.1	30.7	30.3	30.0	29.6	29.2
-32.5°	33.3	32.7	32.0	31.5	31.2	30.8	30.4	30.1	29.7	29.3	29.0
-33.75°	32.7	32.0	31.5	31.2	30.9	30.5	30.2	29.8	29.5	29.1	28.7
-35°	32.0	31.6	31.2	30.9	30.6	30.2	29.9	29.6	29.2	28.9	28.5
-36.25°	31.5	31.2	30.9	30.6	30.3	30.0	29.6	29.3	29.0	28.6	28.3
-37.5°	31.2	30.9	30.6	30.3	30.0	29.7	29.3	29.0	28.7	28.4	28.1
-38.75°	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.7	28.4	28.1	27.8
-40°	30.5	30.2	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6
-41.25°	30.2	29.9	29.6	29.3	29.1	28.8	28.5	28.2	27.9	27.6	27.3
-42.5°	29.8	29.6	29.3	29.0	28.7	28.5	28.2	28.0	27.7	27.4	27.1
-43.75°	29.5	29.2	29.0	28.7	28.4	28.2	27.9	27.7	27.4	27.1	26.8
-45°	29.1	28.9	28.6	28.4	28.1	27.9	27.6	27.4	27.1	26.8	26.2
-46.25°	28.7	28.5	28.3	28.1	27.8	27.6	27.3	27.1	26.8	26.2	25.7
-47.5°	28.4	28.2	28.0	27.8	27.5	27.3	27.0	26.7	26.2	25.6	25.1
-48.75°	28.1	27.9	27.6	27.4	27.2	26.9	26.6	26.1	25.6	25.0	24.5
-50°	27.7	27.5	27.3	27.1	26.8	26.4	25.9	25.4	24.9	24.4	23.9
-51.25°	27.3	27.1	26.9	26.6	26.2	25.7	25.3	24.8	24.3	23.8	23.3
-52.5°	27.0	26.7	26.3	25.9	25.5	25.0	24.6	24.1	23.7	23.2	22.7
-53.75°	26.4	26.0	25.6	25.2	24.8	24.3	23.9	23.5	23.0	22.5	21.8
-55°	25.6	25.2	24.8	24.5	24.1	23.7	23.2	22.8	22.2	21.5	20.8
-56.25°	24.8	24.5	24.1	23.7	23.3	23.0	22.4	21.8	21.2	20.6	19.9
-57.5°	24.0	23.7	23.3	23.0	22.5	22.0	21.4	20.8	20.2	19.6	19.0
-58.75°	23.2	22.9	22.5	22.0	21.4	20.9	20.3	19.8	19.2	18.6	18.0
-60°	22.3	21.8	21.3	20.8	20.3	19.8	19.3	18.8	18.2	17.6	17.1
-61.25°	21.1	20.6	20.2	19.7	19.2	18.7	18.2	17.7	17.2	16.7	16.1
-62.5°	19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7	16.2	15.7	15.2
-63.75°	18.7	18.3	17.9	17.5	17.0	16.6	16.1	15.7	15.2	14.7	14.3
-65°	17.5	17.1	16.7	16.3	15.9	15.5	15.1	14.7	14.2	13.9	13.7
-66.25°	16.3	15.9	15.6	15.2	14.8	14.4	14.0	13.8	13.7	13.5	13.4
-67.5°	15.1	14.8	14.5	14.1	13.8	13.7	13.6	13.5	13.3	13.2	13.0
-68.75°	13.9	13.8	13.7	13.6	13.5	13.3	13.2	13.1	13.0	12.8	12.5
-70°	13.5	13.4	13.3	13.2	13.1	13.0	12.8	12.6	12.3	12.1	11.8
-71.25°	13.1	13.0	12.9	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2
-72.5°	12.5	12.3	12.1	11.9	11.8	11.6	11.4	11.1	10.9	10.8	10.7
-73.75°	11.7	11.5	11.3	11.2	11.0	10.9	10.8	10.7	10.6	10.5	10.4
-75°	10.9	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.0
-76.25°	10.5	10.4	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.5	9.3
-77.5°	10.0	10.0	9.9	9.8	9.6	9.4	9.1	8.9	8.7	8.5	8.2



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	9.1	8.9	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
-80°	7.9	7.7	7.6	7.4	7.2	7.1	6.9	6.8	6.7	6.6	6.4
-81.25°	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
-82.5°	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1
-83.75°	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
-85°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-86.25°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1
-87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
85°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1	2.0
83.75°	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.7
82.5°	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5
81.25°	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.8	4.6	4.4	4.2
80°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0
78.75°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.5
77.5°	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9
76.25°	9.0	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.8	6.6	6.4
75°	9.9	9.7	9.4	9.1	8.8	8.5	8.1	7.8	7.5	7.2	6.9
73.75°	10.3	10.2	10.0	9.9	9.7	9.3	9.0	8.6	8.3	7.9	7.6
72.5°	10.6	10.5	10.4	10.2	10.1	10.0	9.8	9.4	9.1	8.7	8.3
71.25°	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0	9.8	9.4	9.0
70°	11.6	11.3	11.1	10.8	10.7	10.6	10.4	10.3	10.1	10.0	9.7
68.75°	12.2	12.0	11.7	11.4	11.1	10.9	10.7	10.5	10.4	10.2	10.1
67.5°	12.9	12.6	12.3	12.0	11.7	11.4	11.0	10.8	10.6	10.5	10.3
66.25°	13.2	13.1	12.9	12.6	12.3	11.9	11.6	11.2	10.9	10.7	10.5
65°	13.5	13.4	13.2	13.0	12.8	12.5	12.1	11.8	11.4	11.0	10.8
63.75°	13.9	13.7	13.5	13.3	13.1	13.0	12.7	12.3	11.9	11.5	11.1
62.5°	14.7	14.2	13.8	13.6	13.4	13.2	13.0	12.8	12.4	12.0	11.6
61.25°	15.6	15.0	14.5	13.9	13.7	13.5	13.3	13.1	12.9	12.5	12.0
60°	16.5	15.9	15.3	14.8	14.2	13.8	13.6	13.4	13.1	12.9	12.5
58.75°	17.4	16.8	16.2	15.6	15.0	14.3	13.8	13.6	13.4	13.1	12.9
57.5°	18.3	17.7	17.0	16.4	15.7	15.1	14.4	13.8	13.6	13.4	13.1
56.25°	19.3	18.6	17.9	17.2	16.5	15.8	15.2	14.5	13.8	13.6	13.4
55°	20.2	19.5	18.8	18.0	17.3	16.6	15.9	15.2	14.4	13.8	13.6
53.75°	21.1	20.3	19.6	18.9	18.1	17.4	16.6	15.8	15.1	14.3	13.8
52.5°	21.9	21.2	20.4	19.7	18.9	18.1	17.3	16.5	15.7	15.0	14.2
51.25°	22.8	22.0	21.3	20.5	19.7	18.9	18.0	17.2	16.4	15.6	14.8
50°	23.4	22.9	22.1	21.3	20.4	19.6	18.8	17.9	17.0	16.2	15.3
48.75°	24.0	23.4	22.9	22.0	21.2	20.3	19.5	18.6	17.7	16.8	15.9
47.5°	24.5	24.0	23.4	22.8	21.9	21.1	20.2	19.3	18.3	17.4	16.5
46.25°	25.1	24.5	23.9	23.3	22.7	21.8	20.8	19.9	19.0	18.0	17.1
45°	25.6	25.0	24.4	23.8	23.2	22.5	21.5	20.6	19.6	18.6	17.6
43.75°	26.2	25.6	24.9	24.3	23.7	23.0	22.2	21.2	20.2	19.2	18.2
42.5°	26.7	26.1	25.4	24.8	24.1	23.5	22.8	21.8	20.8	19.8	18.8
41.25°	27.0	26.6	25.9	25.3	24.6	23.9	23.2	22.4	21.4	20.3	19.3
40°	27.3	26.9	26.4	25.7	25.0	24.3	23.7	23.0	22.0	20.9	19.8
38.75°	27.5	27.2	26.8	26.2	25.5	24.8	24.1	23.3	22.5	21.4	20.3
37.5°	27.8	27.4	27.1	26.6	25.9	25.2	24.5	23.7	23.0	22.0	20.8
36.25°	28.0	27.6	27.3	26.9	26.3	25.6	24.8	24.1	23.3	22.5	21.3
35°	28.2	27.9	27.5	27.1	26.7	26.0	25.2	24.5	23.7	22.9	21.8



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	28.4	28.1	27.7	27.3	27.0	26.4	25.6	24.8	24.0	23.2	22.3
32.5°	28.6	28.3	27.9	27.5	27.2	26.7	25.9	25.2	24.4	23.6	22.7
31.25°	28.8	28.5	28.1	27.7	27.3	26.9	26.3	25.5	24.7	23.9	23.0
30°	29.0	28.6	28.3	27.9	27.5	27.1	26.6	25.8	25.0	24.2	23.3
28.75°	29.2	28.8	28.4	28.1	27.7	27.3	26.9	26.1	25.3	24.4	23.6
27.5°	29.4	29.0	28.6	28.2	27.9	27.5	27.0	26.4	25.6	24.7	23.9
26.25°	29.6	29.2	28.8	28.4	28.0	27.6	27.2	26.7	25.8	25.0	24.1
25°	29.8	29.4	29.0	28.5	28.2	27.8	27.3	26.9	26.1	25.2	24.4
23.75°	30.0	29.5	29.1	28.7	28.3	27.9	27.5	27.0	26.4	25.5	24.6
22.5°	30.1	29.7	29.3	28.8	28.4	28.0	27.6	27.2	26.6	25.7	24.8
21.25°	30.3	29.9	29.4	29.0	28.5	28.1	27.7	27.3	26.8	25.9	25.0
20°	30.5	30.0	29.6	29.1	28.7	28.3	27.8	27.4	26.9	26.1	25.2
18.75°	30.6	30.2	29.7	29.2	28.8	28.4	27.9	27.5	27.0	26.3	25.4
17.5°	30.7	30.3	29.8	29.4	28.9	28.5	28.0	27.6	27.1	26.5	25.6
16.25°	30.9	30.4	29.9	29.5	29.0	28.6	28.1	27.7	27.2	26.7	25.7
15°	31.0	30.5	30.1	29.6	29.1	28.6	28.2	27.8	27.3	26.8	25.9
13.75°	31.1	30.6	30.2	29.7	29.2	28.7	28.3	27.9	27.4	26.9	26.0
12.5°	31.2	30.7	30.2	29.8	29.3	28.8	28.4	27.9	27.5	27.0	26.2
11.25°	31.3	30.8	30.3	29.8	29.4	28.9	28.4	28.0	27.5	27.0	26.3
10°	31.4	30.9	30.4	29.9	29.4	28.9	28.5	28.0	27.6	27.1	26.4
8.75°	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.1	27.6	27.1	26.5
7.5°	31.5	31.0	30.5	30.0	29.5	29.1	28.6	28.1	27.7	27.2	26.6
6.25°	31.6	31.1	30.6	30.1	29.6	29.1	28.6	28.2	27.7	27.2	26.6
5°	31.6	31.1	30.6	30.1	29.6	29.1	28.6	28.2	27.7	27.2	26.7
3.75°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.7
2.5°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.8
1.25°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.8
0°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.8
-1.25°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.8
-2.5°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.8
-3.75°	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.7
-5°	31.6	31.1	30.6	30.1	29.6	29.1	28.6	28.2	27.7	27.2	26.7
-6.25°	31.6	31.1	30.6	30.1	29.6	29.1	28.6	28.2	27.7	27.2	26.6
-7.5°	31.5	31.0	30.5	30.0	29.5	29.1	28.6	28.1	27.7	27.2	26.6
-8.75°	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.1	27.6	27.1	26.5
-10°	31.4	30.9	30.4	29.9	29.4	28.9	28.5	28.0	27.6	27.1	26.4
-11.25°	31.3	30.8	30.3	29.8	29.4	28.9	28.4	28.0	27.5	27.0	26.3
-12.5°	31.2	30.7	30.2	29.8	29.3	28.8	28.4	27.9	27.5	27.0	26.2
-13.75°	31.1	30.6	30.2	29.7	29.2	28.7	28.3	27.9	27.4	26.9	26.0
-15°	31.0	30.5	30.1	29.6	29.1	28.6	28.2	27.8	27.3	26.8	25.9
-16.25°	30.9	30.4	29.9	29.5	29.0	28.6	28.1	27.7	27.2	26.7	25.7
-17.5°	30.7	30.3	29.8	29.4	28.9	28.5	28.0	27.6	27.1	26.5	25.6
-18.75°	30.6	30.2	29.7	29.2	28.8	28.4	27.9	27.5	27.0	26.3	25.4
-20°	30.5	30.0	29.6	29.1	28.7	28.3	27.8	27.4	26.9	26.1	25.2
-21.25°	30.3	29.9	29.4	29.0	28.5	28.1	27.7	27.3	26.8	25.9	25.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	30.1	29.7	29.3	28.8	28.4	28.0	27.6	27.2	26.6	25.7	24.8
-23.75°	30.0	29.5	29.1	28.7	28.3	27.9	27.5	27.0	26.4	25.5	24.6
-25°	29.8	29.4	29.0	28.5	28.2	27.8	27.3	26.9	26.1	25.2	24.4
-26.25°	29.6	29.2	28.8	28.4	28.0	27.6	27.2	26.7	25.8	25.0	24.1
-27.5°	29.4	29.0	28.6	28.2	27.9	27.5	27.0	26.4	25.6	24.7	23.9
-28.75°	29.2	28.8	28.4	28.1	27.7	27.3	26.9	26.1	25.3	24.4	23.6
-30°	29.0	28.6	28.3	27.9	27.5	27.1	26.6	25.8	25.0	24.2	23.3
-31.25°	28.8	28.5	28.1	27.7	27.3	26.9	26.3	25.5	24.7	23.9	23.0
-32.5°	28.6	28.3	27.9	27.5	27.2	26.7	25.9	25.2	24.4	23.6	22.7
-33.75°	28.4	28.1	27.7	27.3	27.0	26.4	25.6	24.8	24.0	23.2	22.3
-35°	28.2	27.9	27.5	27.1	26.7	26.0	25.2	24.5	23.7	22.9	21.8
-36.25°	28.0	27.6	27.3	26.9	26.3	25.6	24.8	24.1	23.3	22.5	21.3
-37.5°	27.8	27.4	27.1	26.6	25.9	25.2	24.5	23.7	23.0	22.0	20.8
-38.75°	27.5	27.2	26.8	26.2	25.5	24.8	24.1	23.3	22.5	21.4	20.3
-40°	27.3	26.9	26.4	25.7	25.0	24.3	23.7	23.0	22.0	20.9	19.8
-41.25°	27.0	26.6	25.9	25.3	24.6	23.9	23.2	22.4	21.4	20.3	19.3
-42.5°	26.7	26.1	25.4	24.8	24.1	23.5	22.8	21.8	20.8	19.8	18.8
-43.75°	26.2	25.6	24.9	24.3	23.7	23.0	22.2	21.2	20.2	19.2	18.2
-45°	25.6	25.0	24.4	23.8	23.2	22.5	21.5	20.6	19.6	18.6	17.6
-46.25°	25.1	24.5	23.9	23.3	22.7	21.8	20.8	19.9	19.0	18.0	17.1
-47.5°	24.5	24.0	23.4	22.8	21.9	21.1	20.2	19.3	18.3	17.4	16.5
-48.75°	24.0	23.4	22.9	22.0	21.2	20.3	19.5	18.6	17.7	16.8	15.9
-50°	23.4	22.9	22.1	21.3	20.4	19.6	18.8	17.9	17.0	16.2	15.3
-51.25°	22.8	22.0	21.3	20.5	19.7	18.9	18.0	17.2	16.4	15.6	14.8
-52.5°	21.9	21.2	20.4	19.7	18.9	18.1	17.3	16.5	15.7	15.0	14.2
-53.75°	21.1	20.3	19.6	18.9	18.1	17.4	16.6	15.8	15.1	14.3	13.8
-55°	20.2	19.5	18.8	18.0	17.3	16.6	15.9	15.2	14.4	13.8	13.6
-56.25°	19.3	18.6	17.9	17.2	16.5	15.8	15.2	14.5	13.8	13.6	13.4
-57.5°	18.3	17.7	17.0	16.4	15.7	15.1	14.4	13.8	13.6	13.4	13.1
-58.75°	17.4	16.8	16.2	15.6	15.0	14.3	13.8	13.6	13.4	13.1	12.9
-60°	16.5	15.9	15.3	14.8	14.2	13.8	13.6	13.4	13.1	12.9	12.5
-61.25°	15.6	15.0	14.5	13.9	13.7	13.5	13.3	13.1	12.9	12.5	12.0
-62.5°	14.7	14.2	13.8	13.6	13.4	13.2	13.0	12.8	12.4	12.0	11.6
-63.75°	13.9	13.7	13.5	13.3	13.1	13.0	12.7	12.3	11.9	11.5	11.1
-65°	13.5	13.4	13.2	13.0	12.8	12.5	12.1	11.8	11.4	11.0	10.8
-66.25°	13.2	13.1	12.9	12.6	12.3	11.9	11.6	11.2	10.9	10.7	10.5
-67.5°	12.9	12.6	12.3	12.0	11.7	11.4	11.0	10.8	10.6	10.5	10.3
-68.75°	12.2	12.0	11.7	11.4	11.1	10.9	10.7	10.5	10.4	10.2	10.1
-70°	11.6	11.3	11.1	10.8	10.7	10.6	10.4	10.3	10.1	10.0	9.7
-71.25°	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0	9.8	9.4	9.0
-72.5°	10.6	10.5	10.4	10.2	10.1	10.0	9.8	9.4	9.1	8.7	8.3
-73.75°	10.3	10.2	10.0	9.9	9.7	9.3	9.0	8.6	8.3	7.9	7.6
-75°	9.9	9.7	9.4	9.1	8.8	8.5	8.1	7.8	7.5	7.2	6.9
-76.25°	9.0	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.8	6.6	6.4
-77.5°	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.5
-80°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0
-81.25°	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.8	4.6	4.4	4.2
-82.5°	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5
-83.75°	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.7
-85°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
83.75°	2.6	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
82.5°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.7
81.25°	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	2.0
80°	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3
78.75°	5.3	5.1	4.9	4.7	4.4	4.1	3.9	3.6	3.3	3.0	2.8
77.5°	5.7	5.6	5.4	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.2
76.25°	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.6	4.3	3.9	3.6
75°	6.6	6.4	6.2	6.0	5.7	5.5	5.3	5.1	4.7	4.4	4.0
73.75°	7.2	6.8	6.6	6.4	6.1	5.9	5.6	5.4	5.1	4.8	4.4
72.5°	7.9	7.5	7.1	6.7	6.5	6.2	6.0	5.7	5.4	5.1	4.8
71.25°	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.0	5.7	5.4	5.1
70°	9.3	8.8	8.3	7.9	7.4	6.9	6.6	6.3	6.0	5.7	5.4
68.75°	9.9	9.5	9.0	8.5	8.0	7.5	7.0	6.6	6.3	6.0	5.6
67.5°	10.1	10.0	9.6	9.1	8.5	8.0	7.5	6.9	6.6	6.2	5.9
66.25°	10.4	10.2	10.0	9.7	9.1	8.5	8.0	7.4	6.9	6.5	6.1
65°	10.6	10.4	10.2	10.0	9.7	9.1	8.5	7.9	7.3	6.7	6.4
63.75°	10.8	10.6	10.4	10.2	10.0	9.6	9.0	8.3	7.7	7.1	6.6
62.5°	11.2	10.8	10.6	10.4	10.2	10.0	9.5	8.8	8.1	7.5	6.8
61.25°	11.6	11.2	10.8	10.6	10.4	10.1	9.9	9.3	8.6	7.9	7.2
60°	12.0	11.6	11.1	10.8	10.5	10.3	10.1	9.7	9.0	8.3	7.6
58.75°	12.5	12.0	11.5	11.0	10.7	10.5	10.2	10.0	9.4	8.7	7.9
57.5°	12.9	12.4	11.9	11.4	10.9	10.6	10.4	10.1	9.8	9.1	8.3
56.25°	13.1	12.8	12.3	11.8	11.2	10.8	10.5	10.3	10.0	9.4	8.6
55°	13.3	13.0	12.7	12.1	11.6	11.0	10.7	10.4	10.1	9.8	9.0
53.75°	13.5	13.2	13.0	12.5	11.9	11.4	10.9	10.6	10.3	10.0	9.3
52.5°	13.7	13.4	13.1	12.8	12.3	11.7	11.1	10.7	10.4	10.1	9.7
51.25°	13.9	13.6	13.3	13.0	12.6	12.0	11.4	10.8	10.5	10.2	9.9
50°	14.5	13.8	13.5	13.2	12.9	12.3	11.7	11.1	10.7	10.4	10.0
48.75°	15.0	14.2	13.7	13.4	13.1	12.6	12.0	11.3	10.8	10.5	10.2
47.5°	15.6	14.7	13.9	13.5	13.2	12.9	12.2	11.6	10.9	10.6	10.3
46.25°	16.1	15.2	14.3	13.7	13.4	13.0	12.5	11.8	11.2	10.7	10.4
45°	16.7	15.7	14.7	13.9	13.5	13.2	12.8	12.1	11.4	10.8	10.5
43.75°	17.2	16.2	15.2	14.2	13.7	13.3	13.0	12.3	11.6	10.9	10.6
42.5°	17.7	16.7	15.7	14.7	13.8	13.5	13.1	12.6	11.9	11.1	10.7
41.25°	18.2	17.2	16.1	15.1	14.0	13.6	13.2	12.8	12.1	11.4	10.8
40°	18.7	17.7	16.6	15.5	14.4	13.7	13.3	13.0	12.3	11.6	10.9
38.75°	19.2	18.1	17.0	15.9	14.8	13.8	13.5	13.1	12.5	11.8	11.0
37.5°	19.7	18.6	17.5	16.3	15.2	14.1	13.6	13.2	12.7	11.9	11.2
36.25°	20.2	19.0	17.9	16.7	15.6	14.5	13.7	13.3	12.9	12.1	11.3
35°	20.6	19.5	18.3	17.1	15.9	14.8	13.8	13.4	13.0	12.3	11.5



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	21.1	19.9	18.7	17.5	16.3	15.1	13.9	13.5	13.1	12.5	11.7
32.5°	21.5	20.3	19.1	17.9	16.6	15.4	14.2	13.6	13.2	12.7	11.8
31.25°	21.9	20.7	19.5	18.2	17.0	15.8	14.5	13.7	13.3	12.8	12.0
30°	22.3	21.1	19.8	18.6	17.3	16.1	14.8	13.8	13.4	12.9	12.1
28.75°	22.7	21.5	20.2	18.9	17.6	16.3	15.1	13.9	13.4	13.0	12.3
27.5°	23.0	21.8	20.5	19.2	17.9	16.6	15.4	14.1	13.5	13.1	12.4
26.25°	23.2	22.2	20.8	19.5	18.2	16.9	15.6	14.3	13.6	13.2	12.5
25°	23.5	22.5	21.2	19.8	18.5	17.2	15.8	14.5	13.7	13.2	12.7
23.75°	23.7	22.8	21.5	20.1	18.8	17.4	16.1	14.8	13.7	13.3	12.8
22.5°	23.9	23.0	21.7	20.4	19.0	17.6	16.3	15.0	13.8	13.4	12.9
21.25°	24.1	23.2	22.0	20.6	19.3	17.9	16.5	15.2	13.9	13.4	12.9
20°	24.3	23.4	22.3	20.9	19.5	18.1	16.7	15.3	14.0	13.5	13.0
18.75°	24.5	23.5	22.5	21.1	19.7	18.3	16.9	15.5	14.2	13.5	13.0
17.5°	24.6	23.7	22.7	21.3	19.9	18.5	17.1	15.7	14.3	13.6	13.1
16.25°	24.8	23.9	22.9	21.5	20.1	18.7	17.2	15.8	14.5	13.6	13.1
15°	24.9	24.0	23.0	21.7	20.3	18.8	17.4	16.0	14.6	13.7	13.2
13.75°	25.1	24.1	23.2	21.9	20.4	19.0	17.5	16.1	14.7	13.7	13.2
12.5°	25.2	24.2	23.3	22.0	20.6	19.1	17.7	16.2	14.8	13.7	13.2
11.25°	25.3	24.3	23.4	22.2	20.7	19.3	17.8	16.3	14.9	13.8	13.3
10°	25.4	24.4	23.5	22.3	20.8	19.4	17.9	16.4	15.0	13.8	13.3
8.75°	25.5	24.5	23.5	22.4	20.9	19.5	18.0	16.5	15.1	13.8	13.3
7.5°	25.6	24.6	23.6	22.5	21.0	19.6	18.1	16.6	15.2	13.8	13.3
6.25°	25.7	24.7	23.7	22.6	21.1	19.6	18.1	16.7	15.2	13.9	13.4
5°	25.7	24.7	23.7	22.7	21.2	19.7	18.2	16.7	15.3	13.9	13.4
3.75°	25.7	24.7	23.8	22.7	21.2	19.7	18.2	16.7	15.3	13.9	13.4
2.5°	25.8	24.8	23.8	22.8	21.3	19.8	18.3	16.8	15.3	13.9	13.4
1.25°	25.8	24.8	23.8	22.8	21.3	19.8	18.3	16.8	15.3	13.9	13.4
0°	25.8	24.8	23.8	22.8	21.3	19.8	18.3	16.8	15.4	13.9	13.4
-1.25°	25.8	24.8	23.8	22.8	21.3	19.8	18.3	16.8	15.3	13.9	13.4
-2.5°	25.8	24.8	23.8	22.8	21.3	19.8	18.3	16.8	15.3	13.9	13.4
-3.75°	25.7	24.7	23.8	22.7	21.2	19.7	18.2	16.7	15.3	13.9	13.4
-5°	25.7	24.7	23.7	22.7	21.2	19.7	18.2	16.7	15.3	13.9	13.4
-6.25°	25.7	24.7	23.7	22.6	21.1	19.6	18.1	16.7	15.2	13.9	13.4
-7.5°	25.6	24.6	23.6	22.5	21.0	19.6	18.1	16.6	15.2	13.8	13.3
-8.75°	25.5	24.5	23.5	22.4	20.9	19.5	18.0	16.5	15.1	13.8	13.3
-10°	25.4	24.4	23.5	22.3	20.8	19.4	17.9	16.4	15.0	13.8	13.3
-11.25°	25.3	24.3	23.4	22.2	20.7	19.3	17.8	16.3	14.9	13.8	13.3
-12.5°	25.2	24.2	23.3	22.0	20.6	19.1	17.7	16.2	14.8	13.7	13.2
-13.75°	25.1	24.1	23.2	21.9	20.4	19.0	17.5	16.1	14.7	13.7	13.2
-15°	24.9	24.0	23.0	21.7	20.3	18.8	17.4	16.0	14.6	13.7	13.2
-16.25°	24.8	23.9	22.9	21.5	20.1	18.7	17.2	15.8	14.5	13.6	13.1
-17.5°	24.6	23.7	22.7	21.3	19.9	18.5	17.1	15.7	14.3	13.6	13.1
-18.75°	24.5	23.5	22.5	21.1	19.7	18.3	16.9	15.5	14.2	13.5	13.0
-20°	24.3	23.4	22.3	20.9	19.5	18.1	16.7	15.3	14.0	13.5	13.0
-21.25°	24.1	23.2	22.0	20.6	19.3	17.9	16.5	15.2	13.9	13.4	12.9



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	23.9	23.0	21.7	20.4	19.0	17.6	16.3	15.0	13.8	13.4	12.9
-23.75°	23.7	22.8	21.5	20.1	18.8	17.4	16.1	14.8	13.7	13.3	12.8
-25°	23.5	22.5	21.2	19.8	18.5	17.2	15.8	14.5	13.7	13.2	12.7
-26.25°	23.2	22.2	20.8	19.5	18.2	16.9	15.6	14.3	13.6	13.2	12.5
-27.5°	23.0	21.8	20.5	19.2	17.9	16.6	15.4	14.1	13.5	13.1	12.4
-28.75°	22.7	21.5	20.2	18.9	17.6	16.3	15.1	13.9	13.4	13.0	12.3
-30°	22.3	21.1	19.8	18.6	17.3	16.1	14.8	13.8	13.4	12.9	12.1
-31.25°	21.9	20.7	19.5	18.2	17.0	15.8	14.5	13.7	13.3	12.8	12.0
-32.5°	21.5	20.3	19.1	17.9	16.6	15.4	14.2	13.6	13.2	12.7	11.8
-33.75°	21.1	19.9	18.7	17.5	16.3	15.1	13.9	13.5	13.1	12.5	11.7
-35°	20.6	19.5	18.3	17.1	15.9	14.8	13.8	13.4	13.0	12.3	11.5
-36.25°	20.2	19.0	17.9	16.7	15.6	14.5	13.7	13.3	12.9	12.1	11.3
-37.5°	19.7	18.6	17.5	16.3	15.2	14.1	13.6	13.2	12.7	11.9	11.2
-38.75°	19.2	18.1	17.0	15.9	14.8	13.8	13.5	13.1	12.5	11.8	11.0
-40°	18.7	17.7	16.6	15.5	14.4	13.7	13.3	13.0	12.3	11.6	10.9
-41.25°	18.2	17.2	16.1	15.1	14.0	13.6	13.2	12.8	12.1	11.4	10.8
-42.5°	17.7	16.7	15.7	14.7	13.8	13.5	13.1	12.6	11.9	11.1	10.7
-43.75°	17.2	16.2	15.2	14.2	13.7	13.3	13.0	12.3	11.6	10.9	10.6
-45°	16.7	15.7	14.7	13.9	13.5	13.2	12.8	12.1	11.4	10.8	10.5
-46.25°	16.1	15.2	14.3	13.7	13.4	13.0	12.5	11.8	11.2	10.7	10.4
-47.5°	15.6	14.7	13.9	13.5	13.2	12.9	12.2	11.6	10.9	10.6	10.3
-48.75°	15.0	14.2	13.7	13.4	13.1	12.6	12.0	11.3	10.8	10.5	10.2
-50°	14.5	13.8	13.5	13.2	12.9	12.3	11.7	11.1	10.7	10.4	10.0
-51.25°	13.9	13.6	13.3	13.0	12.6	12.0	11.4	10.8	10.5	10.2	9.9
-52.5°	13.7	13.4	13.1	12.8	12.3	11.7	11.1	10.7	10.4	10.1	9.7
-53.75°	13.5	13.2	13.0	12.5	11.9	11.4	10.9	10.6	10.3	10.0	9.3
-55°	13.3	13.0	12.7	12.1	11.6	11.0	10.7	10.4	10.1	9.8	9.0
-56.25°	13.1	12.8	12.3	11.8	11.2	10.8	10.5	10.3	10.0	9.4	8.6
-57.5°	12.9	12.4	11.9	11.4	10.9	10.6	10.4	10.1	9.8	9.1	8.3
-58.75°	12.5	12.0	11.5	11.0	10.7	10.5	10.2	10.0	9.4	8.7	7.9
-60°	12.0	11.6	11.1	10.8	10.5	10.3	10.1	9.7	9.0	8.3	7.6
-61.25°	11.6	11.2	10.8	10.6	10.4	10.1	9.9	9.3	8.6	7.9	7.2
-62.5°	11.2	10.8	10.6	10.4	10.2	10.0	9.5	8.8	8.1	7.5	6.8
-63.75°	10.8	10.6	10.4	10.2	10.0	9.6	9.0	8.3	7.7	7.1	6.6
-65°	10.6	10.4	10.2	10.0	9.7	9.1	8.5	7.9	7.3	6.7	6.4
-66.25°	10.4	10.2	10.0	9.7	9.1	8.5	8.0	7.4	6.9	6.5	6.1
-67.5°	10.1	10.0	9.6	9.1	8.5	8.0	7.5	6.9	6.6	6.2	5.9
-68.75°	9.9	9.5	9.0	8.5	8.0	7.5	7.0	6.6	6.3	6.0	5.6
-70°	9.3	8.8	8.3	7.9	7.4	6.9	6.6	6.3	6.0	5.7	5.4
-71.25°	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.0	5.7	5.4	5.1
-72.5°	7.9	7.5	7.1	6.7	6.5	6.2	6.0	5.7	5.4	5.1	4.8
-73.75°	7.2	6.8	6.6	6.4	6.1	5.9	5.6	5.4	5.1	4.8	4.4
-75°	6.6	6.4	6.2	6.0	5.7	5.5	5.3	5.1	4.7	4.4	4.0
-76.25°	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.6	4.3	3.9	3.6
-77.5°	5.7	5.6	5.4	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.2



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	5.3	5.1	4.9	4.7	4.4	4.1	3.9	3.6	3.3	3.0	2.8
-80°	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3
-81.25°	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	2.0
-82.5°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.7
-83.75°	2.6	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
86.25°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
85°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
83.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2
82.5°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
81.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
80°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
78.75°	2.5	2.2	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.6	0.4
77.5°	2.9	2.5	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
76.25°	3.2	2.9	2.5	2.2	1.9	1.7	1.4	1.2	0.9	0.7	0.5
75°	3.6	3.2	2.9	2.5	2.1	1.8	1.5	1.3	1.0	0.8	0.5
73.75°	4.0	3.6	3.2	2.8	2.3	2.0	1.7	1.4	1.1	0.8	0.6
72.5°	4.4	3.9	3.5	3.0	2.6	2.1	1.8	1.5	1.2	0.9	0.6
71.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.6	1.3	1.0	0.6
70°	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.7	1.4	1.0	0.7
68.75°	5.3	4.9	4.4	3.9	3.3	2.8	2.3	1.8	1.4	1.1	0.7
67.5°	5.5	5.2	4.7	4.1	3.6	3.0	2.4	1.9	1.5	1.1	0.8
66.25°	5.7	5.4	5.0	4.4	3.8	3.2	2.6	2.0	1.6	1.2	0.8
65°	6.0	5.6	5.2	4.7	4.1	3.4	2.8	2.2	1.7	1.3	0.8
63.75°	6.2	5.8	5.4	4.9	4.3	3.6	3.0	2.3	1.8	1.3	0.9
62.5°	6.4	6.0	5.6	5.1	4.5	3.8	3.1	2.5	1.8	1.4	0.9
61.25°	6.6	6.2	5.7	5.3	4.7	4.0	3.3	2.6	1.9	1.4	1.0
60°	6.9	6.4	5.9	5.5	5.0	4.2	3.5	2.7	2.0	1.5	1.0
58.75°	7.2	6.6	6.1	5.6	5.1	4.4	3.7	2.9	2.1	1.6	1.0
57.5°	7.5	6.8	6.3	5.8	5.3	4.6	3.8	3.0	2.2	1.6	1.1
56.25°	7.8	7.0	6.4	5.9	5.4	4.8	4.0	3.2	2.3	1.7	1.1
55°	8.1	7.3	6.6	6.1	5.5	5.0	4.2	3.3	2.4	1.7	1.1
53.75°	8.5	7.6	6.8	6.2	5.7	5.1	4.3	3.4	2.5	1.8	1.2
52.5°	8.8	7.9	7.0	6.4	5.8	5.2	4.5	3.6	2.6	1.8	1.2
51.25°	9.1	8.2	7.2	6.5	5.9	5.4	4.6	3.7	2.8	1.9	1.3
50°	9.4	8.4	7.5	6.7	6.1	5.5	4.8	3.8	2.9	1.9	1.3
48.75°	9.7	8.7	7.7	6.8	6.2	5.6	4.9	3.9	3.0	2.0	1.3
47.5°	9.9	9.0	8.0	7.0	6.3	5.7	5.0	4.1	3.1	2.0	1.4
46.25°	10.0	9.3	8.2	7.2	6.4	5.8	5.1	4.2	3.1	2.1	1.4
45°	10.1	9.5	8.5	7.4	6.6	5.9	5.2	4.3	3.2	2.2	1.4
43.75°	10.2	9.8	8.7	7.6	6.7	6.0	5.3	4.4	3.3	2.2	1.4
42.5°	10.3	9.9	8.9	7.8	6.8	6.1	5.4	4.5	3.4	2.3	1.5
41.25°	10.4	10.0	9.1	8.0	6.9	6.2	5.5	4.6	3.5	2.4	1.5
40°	10.5	10.1	9.4	8.2	7.1	6.3	5.6	4.7	3.6	2.4	1.5
38.75°	10.6	10.2	9.6	8.4	7.2	6.4	5.6	4.8	3.7	2.5	1.6
37.5°	10.6	10.2	9.8	8.6	7.4	6.5	5.7	4.9	3.8	2.6	1.6
36.25°	10.7	10.3	9.9	8.8	7.6	6.6	5.8	5.0	3.8	2.6	1.6
35°	10.8	10.4	10.0	8.9	7.7	6.6	5.9	5.1	3.9	2.7	1.6



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	10.9	10.5	10.0	9.1	7.9	6.7	5.9	5.1	4.0	2.7	1.7
32.5°	11.0	10.5	10.1	9.3	8.0	6.8	6.0	5.2	4.1	2.8	1.7
31.25°	11.1	10.6	10.2	9.4	8.1	6.9	6.1	5.3	4.1	2.8	1.7
30°	11.3	10.7	10.2	9.6	8.3	7.0	6.1	5.3	4.2	2.9	1.7
28.75°	11.4	10.7	10.3	9.7	8.4	7.1	6.2	5.4	4.3	2.9	1.8
27.5°	11.5	10.8	10.3	9.9	8.5	7.2	6.3	5.4	4.3	3.0	1.8
26.25°	11.6	10.8	10.4	9.9	8.7	7.3	6.3	5.5	4.4	3.0	1.8
25°	11.8	10.9	10.4	10.0	8.8	7.4	6.4	5.5	4.4	3.1	1.8
23.75°	11.9	11.0	10.5	10.0	8.9	7.5	6.4	5.5	4.5	3.1	1.8
22.5°	12.0	11.0	10.5	10.1	9.0	7.6	6.5	5.6	4.5	3.2	1.8
21.25°	12.1	11.1	10.6	10.1	9.1	7.7	6.5	5.6	4.6	3.2	1.9
20°	12.2	11.2	10.6	10.1	9.2	7.8	6.6	5.7	4.6	3.2	1.9
18.75°	12.2	11.3	10.6	10.2	9.3	7.8	6.6	5.7	4.7	3.3	1.9
17.5°	12.3	11.4	10.7	10.2	9.3	7.9	6.6	5.7	4.7	3.3	1.9
16.25°	12.4	11.5	10.7	10.2	9.4	8.0	6.7	5.8	4.8	3.3	1.9
15°	12.5	11.5	10.7	10.2	9.5	8.0	6.7	5.8	4.8	3.3	1.9
13.75°	12.5	11.6	10.8	10.3	9.6	8.1	6.7	5.8	4.8	3.4	1.9
12.5°	12.6	11.6	10.8	10.3	9.6	8.1	6.8	5.8	4.9	3.4	2.0
11.25°	12.7	11.7	10.8	10.3	9.7	8.2	6.8	5.9	4.9	3.4	2.0
10°	12.7	11.7	10.8	10.3	9.7	8.2	6.8	5.9	4.9	3.4	2.0
8.75°	12.8	11.8	10.8	10.3	9.8	8.3	6.8	5.9	4.9	3.4	2.0
7.5°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	4.9	3.5	2.0
6.25°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	5.0	3.5	2.0
5°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
3.75°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
2.5°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
1.25°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
0°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
-1.25°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
-2.5°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
-3.75°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
-5°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	5.0	3.5	2.0
-6.25°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	5.0	3.5	2.0
-7.5°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	4.9	3.5	2.0
-8.75°	12.8	11.8	10.8	10.3	9.8	8.3	6.8	5.9	4.9	3.4	2.0
-10°	12.7	11.7	10.8	10.3	9.7	8.2	6.8	5.9	4.9	3.4	2.0
-11.25°	12.7	11.7	10.8	10.3	9.7	8.2	6.8	5.9	4.9	3.4	2.0
-12.5°	12.6	11.6	10.8	10.3	9.6	8.1	6.8	5.8	4.9	3.4	2.0
-13.75°	12.5	11.6	10.8	10.3	9.6	8.1	6.7	5.8	4.8	3.4	1.9
-15°	12.5	11.5	10.7	10.2	9.5	8.0	6.7	5.8	4.8	3.3	1.9
-16.25°	12.4	11.5	10.7	10.2	9.4	8.0	6.7	5.8	4.8	3.3	1.9
-17.5°	12.3	11.4	10.7	10.2	9.3	7.9	6.6	5.7	4.7	3.3	1.9
-18.75°	12.2	11.3	10.6	10.2	9.3	7.8	6.6	5.7	4.7	3.3	1.9
-20°	12.2	11.2	10.6	10.1	9.2	7.8	6.6	5.7	4.6	3.2	1.9
-21.25°	12.1	11.1	10.6	10.1	9.1	7.7	6.5	5.6	4.6	3.2	1.9



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	12.0	11.0	10.5	10.1	9.0	7.6	6.5	5.6	4.5	3.2	1.8
-23.75°	11.9	11.0	10.5	10.0	8.9	7.5	6.4	5.5	4.5	3.1	1.8
-25°	11.8	10.9	10.4	10.0	8.8	7.4	6.4	5.5	4.4	3.1	1.8
-26.25°	11.6	10.8	10.4	9.9	8.7	7.3	6.3	5.5	4.4	3.0	1.8
-27.5°	11.5	10.8	10.3	9.9	8.5	7.2	6.3	5.4	4.3	3.0	1.8
-28.75°	11.4	10.7	10.3	9.7	8.4	7.1	6.2	5.4	4.3	2.9	1.8
-30°	11.3	10.7	10.2	9.6	8.3	7.0	6.1	5.3	4.2	2.9	1.7
-31.25°	11.1	10.6	10.2	9.4	8.1	6.9	6.1	5.3	4.1	2.8	1.7
-32.5°	11.0	10.5	10.1	9.3	8.0	6.8	6.0	5.2	4.1	2.8	1.7
-33.75°	10.9	10.5	10.0	9.1	7.9	6.7	5.9	5.1	4.0	2.7	1.7
-35°	10.8	10.4	10.0	8.9	7.7	6.6	5.9	5.1	3.9	2.7	1.6
-36.25°	10.7	10.3	9.9	8.8	7.6	6.6	5.8	5.0	3.8	2.6	1.6
-37.5°	10.6	10.2	9.8	8.6	7.4	6.5	5.7	4.9	3.8	2.6	1.6
-38.75°	10.6	10.2	9.6	8.4	7.2	6.4	5.6	4.8	3.7	2.5	1.6
-40°	10.5	10.1	9.4	8.2	7.1	6.3	5.6	4.7	3.6	2.4	1.5
-41.25°	10.4	10.0	9.1	8.0	6.9	6.2	5.5	4.6	3.5	2.4	1.5
-42.5°	10.3	9.9	8.9	7.8	6.8	6.1	5.4	4.5	3.4	2.3	1.5
-43.75°	10.2	9.8	8.7	7.6	6.7	6.0	5.3	4.4	3.3	2.2	1.4
-45°	10.1	9.5	8.5	7.4	6.6	5.9	5.2	4.3	3.2	2.2	1.4
-46.25°	10.0	9.3	8.2	7.2	6.4	5.8	5.1	4.2	3.1	2.1	1.4
-47.5°	9.9	9.0	8.0	7.0	6.3	5.7	5.0	4.1	3.1	2.0	1.4
-48.75°	9.7	8.7	7.7	6.8	6.2	5.6	4.9	3.9	3.0	2.0	1.3
-50°	9.4	8.4	7.5	6.7	6.1	5.5	4.8	3.8	2.9	1.9	1.3
-51.25°	9.1	8.2	7.2	6.5	5.9	5.4	4.6	3.7	2.8	1.9	1.3
-52.5°	8.8	7.9	7.0	6.4	5.8	5.2	4.5	3.6	2.6	1.8	1.2
-53.75°	8.5	7.6	6.8	6.2	5.7	5.1	4.3	3.4	2.5	1.8	1.2
-55°	8.1	7.3	6.6	6.1	5.5	5.0	4.2	3.3	2.4	1.7	1.1
-56.25°	7.8	7.0	6.4	5.9	5.4	4.8	4.0	3.2	2.3	1.7	1.1
-57.5°	7.5	6.8	6.3	5.8	5.3	4.6	3.8	3.0	2.2	1.6	1.1
-58.75°	7.2	6.6	6.1	5.6	5.1	4.4	3.7	2.9	2.1	1.6	1.0
-60°	6.9	6.4	5.9	5.5	5.0	4.2	3.5	2.7	2.0	1.5	1.0
-61.25°	6.6	6.2	5.7	5.3	4.7	4.0	3.3	2.6	1.9	1.4	1.0
-62.5°	6.4	6.0	5.6	5.1	4.5	3.8	3.1	2.5	1.8	1.4	0.9
-63.75°	6.2	5.8	5.4	4.9	4.3	3.6	3.0	2.3	1.8	1.3	0.9
-65°	6.0	5.6	5.2	4.7	4.1	3.4	2.8	2.2	1.7	1.3	0.8
-66.25°	5.7	5.4	5.0	4.4	3.8	3.2	2.6	2.0	1.6	1.2	0.8
-67.5°	5.5	5.2	4.7	4.1	3.6	3.0	2.4	1.9	1.5	1.1	0.8
-68.75°	5.3	4.9	4.4	3.9	3.3	2.8	2.3	1.8	1.4	1.1	0.7
-70°	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.7	1.4	1.0	0.7
-71.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.6	1.3	1.0	0.6
-72.5°	4.4	3.9	3.5	3.0	2.6	2.1	1.8	1.5	1.2	0.9	0.6
-73.75°	4.0	3.6	3.2	2.8	2.3	2.0	1.7	1.4	1.1	0.8	0.6
-75°	3.6	3.2	2.9	2.5	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-76.25°	3.2	2.9	2.5	2.2	1.9	1.7	1.4	1.2	0.9	0.7	0.5
-77.5°	2.9	2.5	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	2.5	2.2	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-80°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-81.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-82.5°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-83.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2
-85°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-86.25°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.1	0.0
85°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.2	0.0
75°	0.3	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.3	0.0
70°	0.3	0.0
68.75°	0.4	0.0
67.5°	0.4	0.0
66.25°	0.4	0.0
65°	0.4	0.0
63.75°	0.4	0.0
62.5°	0.5	0.0
61.25°	0.5	0.0
60°	0.5	0.0
58.75°	0.5	0.0
57.5°	0.5	0.0
56.25°	0.6	0.0
55°	0.6	0.0
53.75°	0.6	0.0
52.5°	0.6	0.0
51.25°	0.6	0.0
50°	0.6	0.0
48.75°	0.7	0.0
47.5°	0.7	0.0
46.25°	0.7	0.0
45°	0.7	0.0
43.75°	0.7	0.0
42.5°	0.7	0.0
41.25°	0.8	0.0
40°	0.8	0.0
38.75°	0.8	0.0
37.5°	0.8	0.0
36.25°	0.8	0.0
35°	0.8	0.0



REPORT NUMBER: P221153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.8	0.0
32.5°	0.8	0.0
31.25°	0.9	0.0
30°	0.9	0.0
28.75°	0.9	0.0
27.5°	0.9	0.0
26.25°	0.9	0.0
25°	0.9	0.0
23.75°	0.9	0.0
22.5°	0.9	0.0
21.25°	0.9	0.0
20°	0.9	0.0
18.75°	0.9	0.0
17.5°	1.0	0.0
16.25°	1.0	0.0
15°	1.0	0.0
13.75°	1.0	0.0
12.5°	1.0	0.0
11.25°	1.0	0.0
10°	1.0	0.0
8.75°	1.0	0.0
7.5°	1.0	0.0
6.25°	1.0	0.0
5°	1.0	0.0
3.75°	1.0	0.0
2.5°	1.0	0.0
1.25°	1.0	0.0
0°	1.0	0.0
-1.25°	1.0	0.0
-2.5°	1.0	0.0
-3.75°	1.0	0.0
-5°	1.0	0.0
-6.25°	1.0	0.0
-7.5°	1.0	0.0
-8.75°	1.0	0.0
-10°	1.0	0.0
-11.25°	1.0	0.0
-12.5°	1.0	0.0
-13.75°	1.0	0.0
-15°	1.0	0.0
-16.25°	1.0	0.0
-17.5°	1.0	0.0
-18.75°	0.9	0.0
-20°	0.9	0.0
-21.25°	0.9	0.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.9	0.0
-23.75°	0.9	0.0
-25°	0.9	0.0
-26.25°	0.9	0.0
-27.5°	0.9	0.0
-28.75°	0.9	0.0
-30°	0.9	0.0
-31.25°	0.9	0.0
-32.5°	0.8	0.0
-33.75°	0.8	0.0
-35°	0.8	0.0
-36.25°	0.8	0.0
-37.5°	0.8	0.0
-38.75°	0.8	0.0
-40°	0.8	0.0
-41.25°	0.8	0.0
-42.5°	0.7	0.0
-43.75°	0.7	0.0
-45°	0.7	0.0
-46.25°	0.7	0.0
-47.5°	0.7	0.0
-48.75°	0.7	0.0
-50°	0.6	0.0
-51.25°	0.6	0.0
-52.5°	0.6	0.0
-53.75°	0.6	0.0
-55°	0.6	0.0
-56.25°	0.6	0.0
-57.5°	0.5	0.0
-58.75°	0.5	0.0
-60°	0.5	0.0
-61.25°	0.5	0.0
-62.5°	0.5	0.0
-63.75°	0.4	0.0
-65°	0.4	0.0
-66.25°	0.4	0.0
-67.5°	0.4	0.0
-68.75°	0.4	0.0
-70°	0.3	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.2	0.0
-80°	0.2	0.0
-81.25°	0.2	0.0
-82.5°	0.1	0.0
-83.75°	0.1	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)